

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-487-445-47

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5004 AGACAGATGAGAGCTCT 5023
DB 20 AGATCAGATTGAGTCTTT 1

RESULT 2561
US-09-657-481A-37
Sequence 37, Application US/09657481A
Patent No. 6258601
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowseart
TITLE OF INVENTION: ANTISENSE MODULATION OF UBIQUITIN PROTEIN LIGASE WWP1 AND WWP2
FILE REFERENCE: RTS-0087
CURRENT APPLICATION NUMBER: US/09/657,481A
CURRENT FILING DATE: 2000-09-07
NUMBER OF SEQ ID NOS: 93
SEQ ID NO 37
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-481A-37

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2494 TCCCATCTAGTCTTTG 2513
DB 1 TCCCATCTGAGGATCTTTG 20

RESULT 2562
US-09-377-309-76/C
Sequence 76, Application US/09377309B
Patent No. 6258790
GENERAL INFORMATION:
APPLICANT: Bennett, C. Frank
APPLICANT: Condom, Tom P.
APPLICANT: Cowseart, Lex M.
TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN 4 EXPRESSION
FILE REFERENCE: ISPH-0390
CURRENT APPLICATION NUMBER: US/09/377,309B
CURRENT FILING DATE: 1999-08-19
EARLIER APPLICATION NUMBER: 09/166,203
EARLIER FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 99
SEQ ID NO 76
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: antisense sequence
US-09-377-309-76

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6540 TAGGATATCTGTAGGCTG 6559

DB 20 TATGTTATCTGAGGCTTG 1

RESULT 2563
US-08-090-369-12/C
Sequence 12, Application US/08090369
Patent No. 6258943
GENERAL INFORMATION:
APPLICANT: Fong, T.M.
APPLICANT: Huang, R.-R. C.
APPLICANT: Strader, C.D.
TITLE OF INVENTION: Human Neurokinin-3 Receptor
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSEE: Merck & Co., Inc.
STREET: P.O. Box 2000
CITY: Rahway
STATE: New Jersey
COUNTRY: USA
ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/090,369
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/851,974
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Thies, J. E.
REGISTRATION NUMBER: P-35,382
REFERENCE/DOCKET NUMBER: 18685
TELECOMMUNICATION INFORMATION:
TELEPHONE: (908) 594-3904
TELEFAX: (908) 594-4720
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-090-369-12

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2037 TATCAGAGCTGTGAGCA 2056
DB 20 TATCAGAGCTGTGAGCA 1

RESULT 2564
US-09-247-190-31
Sequence 31, Application US/09247190
Patent No. 6261804
GENERAL INFORMATION:
APPLICANT: Szostak, Jack W.
APPLICANT: Roberts, Richard W.
APPLICANT: Liu, Rih
TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
FILE REFERENCE: 00786/350005
CURRENT APPLICATION NUMBER: US/09/247,190
CURRENT FILING DATE: 1999-02-09
EARLIER APPLICATION NUMBER: 60/035,963
EARLIER FILING DATE: 1997-01-21

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; EARLIER APPLICATION NUMBER: 60/064,491
; EARLIER FILING DATE: 1997-11-06
; EARLIER APPLICATION NUMBER: 09/007,005
; EARLIER FILING DATE: 1998-01-14
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA splinc
US-09-247-190-31

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4465 TTTT TTTT TTTT TTTT TTTG 4484
Db 1 TTTT TTTT TTTG GTATTG 20

RESULT 2565
US-09-487-368A-131
; Sequence 131, Application US/09487368A
; Patent No. 6261840
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowert
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
; FILE REFERENCE: RTS-0093
; CURRENT APPLICATION NUMBER: US/09/487,368A
; CURRENT FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 240
; SEQ ID NO 131
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-09-487-368A-131

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 6847 TAATGACTTGCCCTTC 6866
Db 1 TAATGACTTGACATCTTC 20

RESULT 2566
US-08-943-731-513
; Sequence 513, Application US/08943731
; Patent No. 6265157
; GENERAL INFORMATION:
; APPLICANT: PROCKOP, DARWIN J.
; APPLICANT: SPOTILA, LORETTA D.
; APPLICANT: DELTAS, CONSTANTINOS D.
; APPLICANT: SEREDA, IARISA
; APPLICANT: LARSON, ANDREA W.
; APPLICANT: PACK, MICHAEL
; APPLICANT: COLIGE, ALAIN
; APPLICANT: EARLY, JAMES
; APPLICANT: KOROKO, JARMO
; APPLICANT: ALA-KOKKO, LEENA, et al.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING
; TITLE OF INVENTION: ALTERED TYPE I OR TYPE IX COLLAGEN GENE SEQUENCES
; NUMBER OF SEQUENCES: 666
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PANITCH SCHWARZE JACOBS & NADEL, P.C.
; STREET: ONE COMMERCE SQUARE, 2005 MARKET STREET, 22ND
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; STREET: FIR.
; CITY: PHILADELPHIA
; STATE: PA
; COUNTRY: USA
; ZIP: 19103-7086
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/943,731
; FILING DATE: 03-OCT-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/212,322
; FILING DATE: 14-MAR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/803,628
; FILING DATE: 03-DEC-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: DOYLE LEARY Ph.D., KATHRYN
; REGISTRATION NUMBER: 36,317
; REFERENCE/DOCKET NUMBER: 9598-27
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-965-1284
; TELEFAX: 215-567-2991
; TELEAX: 831-494
; INFORMATION FOR SEQ ID NO: 513:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-943-731-513

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5610 GTGCTTCTTACCAAGCTTC 5629
Db 1 GTGTTCTACCCAGGCTTC 20

RESULT 2567
US-08-460-736-5/c
; Sequence 5, Application US/08460736
; Patent No. 6265189
; GENERAL INFORMATION:
; APPLICANT: Paoletti, Enzo
; APPLICANT: Tartaglia, James
; APPLICANT: Cox, William I.
; TITLE OF INVENTION: RECOMBINANT VIRUS IMMUNOTHERAPY
; NUMBER OF SEQUENCES: 217
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cutlis, Morris & Safford
; STREET: 530 Fifth Avenue
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/460,736
; FILING DATE: 02-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
```

APPLICATION NUMBER: US 08/184,009
FILING DATE: 19-JAN-1994
ATTORNEY/AGENT INFORMATION:
NAME: Frommer, William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2530
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-3333
TELEFAX: (212) 840-0712
TELEX: 425066CURTWS
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-460-736-5

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6425 GTGGCTCTATTACTTA 6444
DB 20 GCGGCCGCTTACTTA 1

RESULT 2568
US-09-489-868A-49/C
Sequence 49, Application US/09489868A
Patent No. 6265216
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF COT ONCOGENE EXPRESSION
FILE REFERENCE: RTS-0113
CURRENT APPLICATION NUMBER: US/09/489,868A
CURRENT FILING DATE: 2000-01-20
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 49
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-489-868A-49

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3858 TCTCCTATTCCTCTACCT 3877
DB 20 TCAGCCTATCCTCTACCT 1

RESULT 2569
US-09-489-868A-60/C
Sequence 60, Application US/09489868A
Patent No. 6265216
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF COT ONCOGENE EXPRESSION
FILE REFERENCE: RTS-0113
CURRENT APPLICATION NUMBER: US/09/489,868A
CURRENT FILING DATE: 2000-01-20
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 60
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-489-868A-60

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2856 TCCAGAGAGACGACGAGGA 2875
DB 20 TGCACAGAGACGACGAGGA 1

RESULT 2570
US-09-085-273-5/C
Sequence 5, Application US/09085273
Patent No. 6267965
GENERAL INFORMATION:
APPLICANT: Paolletti, Enzo
APPLICANT: Pincus, Steven E.
APPLICANT: Cox, William I.
APPLICANT: Kaufman, Elizabeth K.
TITLE OF INVENTION: RECOMBINANT POXVIRUS - CYTOMEGALOVIRUS,
NUMBER OF SEQUENCES: 176
TITLE OF INVENTION: COMPOSITIONS AND USES
CORRESPONDENCE ADDRESS:
ADDRESSEE: Curtis, Morris & Safford
STREET: 530 Fifth Avenue
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/085,273
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/471,014
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Frommer Esq., William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2720
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-3333
TELEFAX: (212) 840-0712
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-09-085-273-5

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6425 GTGGCTCTATTACTTA 6444
DB 20 GCGGCCGCTTACTTA 1

RESULT 2571
US-09-428-583-70/C
Sequence 70, Application US/09428583
Patent No. 6271029

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; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYTOSIN-2 EXPRESSION
; FILE REFERENCE: RTS-0096
; CURRENT APPLICATION NUMBER: US/09/428,583
; CURRENT FILING DATE: 1999-10-27
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-428-583-70

Query Match      0.2% Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1597 GAAAGAGTGTCTCAGAACTT 1616
DB      20  GAGAGAGTGTCTCAGAACTT 1

RESULT 2572
US-09-593-711A-155
; Sequence 155, Application US/09593711A
; Patent No. 6271030
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF C/EBP BETA EXPRESSION
; FILE REFERENCE: RTS-0118
; CURRENT APPLICATION NUMBER: US/09/593,711A
; CURRENT FILING DATE: 2000-06-14
; NUMBER OF SEQ ID NOS: 244
; SEQ ID NO 155
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-593-711A-155

Query Match      0.2% Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      369 GTACCACTACGAGGTGACA 388
DB      1  GGACGACGACGACGCTGACA 20

RESULT 2573
US-09-593-711A-160
; Sequence 160, Application US/09593711A
; Patent No. 6271030
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF C/EBP BETA EXPRESSION
; FILE REFERENCE: RTS-0118
; CURRENT APPLICATION NUMBER: US/09/593,711A
; CURRENT FILING DATE: 2000-06-14
; NUMBER OF SEQ ID NOS: 244
; SEQ ID NO 160
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide
US-09-593-711A-160

Query Match      0.2% Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1436 GCGGAGTGTCTCGCGGCC 1455
DB      1  GCGGAGTGTCTCGCGGCC 20

RESULT 2574
US-08-836-031-2/c
; Sequence 2, Application US/08836031
; Patent No. 6274351
; GENERAL INFORMATION:
; APPLICANT: Peponnet, Christine
; TITLE OF INVENTION: PROCESS FOR THE SOLID-PHASE AMPLIFICATION OF NUCLEIC ACIDS AND RE
; TITLE OF INVENTION: WHICH IS USEFUL FOR CARRYING OUT THIS PROCESS
; FILE REFERENCE: P60963U0
; CURRENT APPLICATION NUMBER: US/08/836,031
; CURRENT FILING DATE: 1997-07-11
; EARLIER APPLICATION NUMBER: PCT/FR95/01422
; EARLIER FILING DATE: 10-27-1995
; EARLIER APPLICATION NUMBER: 94 12972
; EARLIER FILING DATE: 10-28-1994
; NUMBER OF SEQ ID NOS: 2
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; NAME/KEY: primer_bind
US-08-836-031-2

Query Match      0.2% Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1610 AGAAGTTCACAGACGCTG 1629
DB      20  AGAGCTTCACAGTGCAGCG 1

RESULT 2575
US-09-430-035-2/c
; Sequence 2, Application US/09430035
; Patent No. 6277604
; GENERAL INFORMATION:
; APPLICANT: Peponnet, Christine
; APPLICANT: GENSET
; TITLE OF INVENTION: PROCESS FOR THE SOLID-PHASE
; TITLE OF INVENTION: AMPLIFICATION OF NUCLEIC ACIDS AND REAGENT KIT WHICH IS
; TITLE OF INVENTION: USEFUL FOR CARRYING OUT THIS PROCESS
; FILE REFERENCE: 9710-018-999
; CURRENT APPLICATION NUMBER: US/09/430,035
; CURRENT FILING DATE: 1999-10-29
; EARLIER APPLICATION NUMBER: FR94/12972
; EARLIER FILING DATE: 1994-10-28
; EARLIER APPLICATION NUMBER: PCT/FR95/01422
; EARLIER FILING DATE: 1995-10-27
; EARLIER APPLICATION NUMBER: 08/836,031
; EARLIER FILING DATE: 1997-07-11
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-430-035-2
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Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1610 AGACTTCACAGACCGCTG 1629
DB 20 AGAGCTTCACAGTGCAGCG 1

RESULT 2576
US-09-244-796-31
Sequence 31, Application US/09244796
Patent No. 6281344
GENERAL INFORMATION:
APPLICANT: Szostrak, Jack W.
APPLICANT: Roberts, Richard W.
APPLICANT: Liu, Rih
TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
FILE REFERENCE: 00786/350007
CURRENT APPLICATION NUMBER: US/09/244,796
EARLIER FILING DATE: 1999-02-05
EARLIER APPLICATION NUMBER: 60/035,963
EARLIER FILING DATE: 1997-01-27
EARLIER APPLICATION NUMBER: 60/064,491
EARLIER FILING DATE: 1997-11-06
EARLIER APPLICATION NUMBER: 09/007,005
EARLIER FILING DATE: 1998-01-14
NUMBER OF SEQ ID NOS: 33
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 31
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: DNA splint
US-09-244-796-31

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4465 TTTTGTGTTTGTGTTTGTG 4484
DB 1 TTTTGTGTTGTTGTTTGTG 20

RESULT 2577
US-09-322-360-4
Sequence 4, Application US/09322360
Patent No. 6297050
GENERAL INFORMATION:
APPLICANT: Couille, Pierre, Ikeda, Hideyuki;
APPLICANT: Boon-Fallieur, Thierry
TITLE OF INVENTION: Isolated Nucleic Acid Molecules
TITLE OF INVENTION: Coding For Tumor Rejection Antigen Precursors DAGE and
TITLE OF INVENTION: Uses Thereof
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fulbright & Jaworski, L.L.P.
STREET: 666 Fifth Avenue
CITY: New York City
STATE: New York
COUNTRY: USA
ZIP: 10103
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB storage
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/322,360

FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/809,999
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Hanson, No. 6297050man D.
REGISTRATION NUMBER: 30,946
REFERENCE/DOCKET NUMBER: LUD 5386.1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 318-3000
TELEFAX: (212) 752-5958
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: nucleic acid
FEATURE:
NAME/KEY: PCR primer
US-09-322-360-4

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2748 GGTTCACAGATCTGTC 2767
DB 1 GGTTCACAGATCTGTC 20

RESULT 2578
US-09-484-617-93
Sequence 93, Application US/09484617
Patent No. 6303374
GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: Lex M. Cowbert
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 3 EXPRESSION
FILE REFERENCE: RTS-0103
CURRENT APPLICATION NUMBER: US/09/484,617
CURRENT FILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 176
SEQ ID NO 93
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-484-617-93

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1737 CACCTACTCAGGCTGAGC 1756
DB 1 CACCTGCTGAGCCTGAGC 20

RESULT 2579
US-09-484-617-137/C
Sequence 137, Application US/09484617
Patent No. 6303374
GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: Lex M. Cowbert
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 3 EXPRESSION
FILE REFERENCE: RTS-0103
CURRENT APPLICATION NUMBER: US/09/484,617
CURRENT FILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 176

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; SEQ ID NO 137
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-484-617-137

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1779 GAAGACGGCGGTGTATGCTG 1798
      ||||| ||||| ||||| |||||
Db       20 GAAGATACCGGTGAGGCTG 1

RESULT 2580
US-09-484-617-151
; Sequence 151, Application US/09484617
; Patent No. 6303374
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 3 EXPRESSION
; FILE REFERENCE: RTS-0103
; CURRENT APPLICATION NUMBER: US/09/484,617
; CURRENT FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 151
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-484-617-151

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      7385 GTACAGTCTCTCTGAAGA 7404
      ||||| ||||| ||||| |||||
Db       1 GTACAGTCTCTCTGAGCA 20

RESULT 2581
US-08-890-865A-5
; Sequence 5, Application US/08890865A
; Patent No. 6307019
; GENERAL INFORMATION:
; APPLICANT: Constantini, Franklin
; APPLICANT: Zeng, Li
; TITLE OF INVENTION: AXIN GENE AND USES THEREOF
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham LLP
; STREET: 1185 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: US
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/890,865A
; FILING DATE: 10-JUL-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P
```

```
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 0575/54249
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)278-0400
; TELEFAX: (212)391-0526
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-890-865A-5

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1327 GACAGACGAGAGAGATCAG 1346
      ||||| ||||| ||||| |||||
Db       1 GAGGAGAGAGAGAGATCAG 20

RESULT 2582
US-09-354-138-5/C
; Sequence 5, Application US/09354138
; Patent No. 6309647
; GENERAL INFORMATION:
; APPLICANT: Paoletti, Enzo
; APPLICANT: Tartaglia, James
; APPLICANT: Taylor, Jill
; APPLICANT: Gettig, Russell
; TITLE OF INVENTION: FOXVIRUS - CANINE DISTEMPER VIRUS (CDV)
; TITLE OF INVENTION: RECOMBINANTS AND COMPOSITIONS AND METHODS EMPLOYING THE
; NUMBER OF SEQUENCES: 139
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Curtis, Morris & Safford, P.C.
; STREET: 530 Fifth Avenue, 25th floor
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/354,138
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/472,379
; FILING DATE: 07-JUN-1995
; APPLICATION NUMBER: US 08/416,646
; FILING DATE: 05-APR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/224,657
; FILING DATE: 16-APR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/073,962
; FILING DATE: 08-JUN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/776,867
; FILING DATE: 23-OCT-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/621,614
; FILING DATE: 30-NOV-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/938,283
; FILING DATE: 31-AUG-1993
; PRIOR APPLICATION DATA:
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APPLICATION NUMBER: US 08/105,483
FILING DATE: 12-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/847,951
FILING DATE: 06-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/713,967
FILING DATE: 11-JUN-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07,666,056
FILING DATE: 07-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Frommer, William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2860
TELEPHONE: (212) 840-3333
TELEFAX: (212) 840-0712
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-09-354-138-5

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy 6425 GTGGCTCTCTATTAGCTAA 6444
Db 20 GCGGCGCCCTAATTAATA 1

RESULT 2583
US-09-290-452-5
Sequence 5, Application US/09290452
Patent No. 6309833
GENERAL INFORMATION:
APPLICANT: Nerenberg, Michael I.
APPLICANT: Westlin, Lorelei P.
APPLICANT: Edman, Carl F.
APPLICANT: Carrino, John
TITLE OF INVENTION: MULTIPLEX AMPLIFICATION AND SEPARATION OF NUCLEIC ACID
TITLE OF INVENTION: SEQUENCES ON A BIOELECTRONIC MICROCHIP USING ASYMMETRIC
FILE REFERENCE: 241/109
CURRENT APPLICATION NUMBER: US/09/290,452
CURRENT FILING DATE: 1999-04-12
NUMBER OF SEQ ID NOS: 62
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 5
LENGTH: 20
TYPE: DNA
ORGANISM: human
US-09-290-452-5

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy 335 ATTACTTGAGTGACATC 354
Db 1 ACTACAGTACGTGACATC 20

RESULT 2584
US-09-290-452-22
Sequence 22, Application US/09290452
Patent No. 6309833
GENERAL INFORMATION:

APPLICANT: Nerenberg, Michael I.
APPLICANT: Westlin, Lorelei P.
APPLICANT: Edman, Carl F.
APPLICANT: Carrino, John
TITLE OF INVENTION: MULTIPLEX AMPLIFICATION AND SEPARATION OF NUCLEIC ACID
TITLE OF INVENTION: SEQUENCES ON A BIOELECTRONIC MICROCHIP USING ASYMMETRIC
FILE REFERENCE: 241/109
CURRENT APPLICATION NUMBER: US/09/290,452
CURRENT FILING DATE: 1999-04-12
NUMBER OF SEQ ID NOS: 62
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 22
LENGTH: 20
TYPE: DNA
ORGANISM: human
US-09-290-452-22

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy 335 ATTACTTGAGTGACATC 354
Db 1 ACTACAGTACGTGACATC 20

RESULT 2585
US-09-364-416-63
Sequence 63, Application US/09364416
Patent No. 6312900
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean, Robert A. McKay, Loren J.
APPLICANT: Miraglia, Brenda F. Baker
TITLE OF INVENTION: Antisense Oligonucleotide
TITLE OF INVENTION: Compositions and Methods for the Modulation of
NUMBER OF SEQUENCES: 139
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/364,416
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/837,201
FILING DATE: April 14, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPh-0209
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 810-1454
TELEFAX: (609) 810-1515
INFORMATION FOR SEQ ID NO: 63:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-364-416-63

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5915 CCGAGCCGAGATGTCCA 5934
Db 1 CCGAGCCGAGATGTCCA 20

RESULT 2586

US-09-364-416-75/c
; Sequence 75, Application US/09364416

; Patent No. 6312900

; GENERAL INFORMATION:

; APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.

; APPLICANT: Miraglia, Brenda F. Baker

; TITLE OF INVENTION: Antisense Oligonucleotide

; TITLE OF INVENTION: Compositions and Methods for the Modulation of

; TITLE OF INVENTION: Activating Protein 1

; NUMBER OF SEQUENCES: 139

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Law Offices of Jane Massey Licata

; STREET: 66 East Main Street

; CITY: Marlton

; STATE: NJ USA

; ZIP: 08053

; COMPUTER READABLE FORM:

; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

; COMPUTER: IBM PS/2

; OPERATING SYSTEM: WINDOWS 95

; SOFTWARE: WORDPERECT 6.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/364,416

; FILING DATE:

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/08/837,201

; FILING DATE: April 14, 1997

; ATTORNEY/AGENT INFORMATION:

; NAME: Jane Massey Licata

; REGISTRATION NUMBER: 32,257

; TELEPHONE: (609) 810-1515

; TELECOMMUNICATION INFORMATION:

; REFERENCE/DOCKET NUMBER: ISPH-0209

; INFORMATION FOR SEQ ID NO: 75:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20

; TYPE: Nucleic Acid

; STRANDEDNESS: Single

; TOPOLOGY: Linear

; ANTI-SENSE: Yes

US-09-364-416-75

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 45 CCGCGGCGGCGGCAACGAG 64
Db 20 CCGCGGCGGCGGCTTACGCG 1

RESULT 2587

US-09-101-126-10
; Sequence 10, Application US/09101126

; Patent No. 6316216

; GENERAL INFORMATION:

; APPLICANT: OHTO, CHIYAKA

; APPLICANT: NAKANE, HIROYUKI

; APPLICANT: NISHINO, TOKUZO

; APPLICANT: OHNUMA, SHINICHI

; APPLICANT: HIROOKA, KAZUTAKE
; TITLE OF INVENTION: MUTATED PRENYL DIPHOSPHATE SYNTHASES
; FILE REFERENCE: 77670/566

; CURRENT APPLICATION NUMBER: US/09/101,126

; CURRENT FILING DATE: 1999-04-27

; EARLIER APPLICATION NUMBER: PCT/JP97/03921

; EARLIER FILING DATE: 1997-10-29

; EARLIER APPLICATION NUMBER: JP 8-307506

; EARLIER FILING DATE: 1996-11-05

; NUMBER OF SEQ ID NOS: 15

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 10

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA

US-09-101-126-10

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5581 CTTTGCTCATGTGATTG 5600
Db 1 CTTTGCTCATGTGATTG 20

RESULT 2588

US-09-488-856A-15/c
; Sequence 15, Application US/09488856A

; Patent No. 6316259

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Robert McKay

; APPLICANT: Madeline M. Butler

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF GLYCOGEN SYNTHASE KINASE 3 ALPHA EX

; FILE REFERENCE: RTS-0115

; CURRENT APPLICATION NUMBER: US/09/488,856A

; CURRENT FILING DATE: 2000-01-21

; NUMBER OF SEQ ID NOS: 88

; SEQ ID NO 15

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-488-856A-15

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 45 CCGCGGCGGCGGCAACGAG 64
Db 20 CCGCGGCGGCGGCGGAG 1

RESULT 2589

US-09-290-338-5
; Sequence 5, Application US/09290338

; Patent No. 6326173

; GENERAL INFORMATION:

; APPLICANT: Nerenberg, Michael I.

; APPLICANT: Edman, Carl F.

; TITLE OF INVENTION: ELECTRONICALLY MEDIATED NUCLEIC ACID

; FILE REFERENCE: 238/072

; CURRENT APPLICATION NUMBER: US/09/290,338

; CURRENT FILING DATE: 1999-04-12

; NUMBER OF SEQ ID NOS: 62

; SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 5
LENGTH: 20
TYPE: DNA
ORGANISM: human
US-09-290-338-5

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 335 ATTACTTGAGCGGACATC 354
DB 1 ACTACAGTACGTGACATC 20

RESULT 2590
US-09-290-338-22
Sequence 22, Application US/09290338
Patent No. 6326173
GENERAL INFORMATION:
APPLICANT: Nerenberg, Michael I.
TITLE OF INVENTION: ELECTRONICALLY MEDIATED NUCLEIC ACID
FILE REFERENCE: 238/072
CURRENT APPLICATION NUMBER: US/09/290,338
CURRENT FILING DATE: 1999-04-12
NUMBER OF SEQ ID NOS: 62
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 22
LENGTH: 20
TYPE: DNA
ORGANISM: human
US-09-290-338-22

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 335 ATTACTTGAGCGGACATC 354
DB 1 ACTACAGTACGTGACATC 20

RESULT 2591
US-09-082-649B-77
Sequence 77, Application US/09082649B
Patent No. 6339068
GENERAL INFORMATION:
APPLICANT: Davis, Heather L.
APPLICANT: Krieger, Arthur M.
APPLICANT: Schorr, Joachim
APPLICANT: Wu, Tong
TITLE OF INVENTION: Vectors and Methods for Immunization or
FILE REFERENCE: C1039/7009
CURRENT APPLICATION NUMBER: US/09/082,649B
CURRENT FILING DATE: 1998-05-20
PRIOR APPLICATION NUMBER: US 60/047,233
PRIOR FILING DATE: 1997-05-20
PRIOR APPLICATION NUMBER: US 60/047,209
PRIOR FILING DATE: 1997-05-20
NUMBER OF SEQ ID NOS: 85
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 77
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: synthetic oligonucleotide
US-09-082-649B-77

Query Match 0.2%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5771 CTGGCCGCGCTGCTGCTG 5790
DB 1 CCGGCCGCGCGCGCGCGCG 20

RESULT 2592
US-09-082-649B-77/c
Sequence 77, Application US/09082649B
Patent No. 6339068
GENERAL INFORMATION:
APPLICANT: Davis, Heather L.
APPLICANT: Krieger, Arthur M.
APPLICANT: Schorr, Joachim
APPLICANT: Wu, Tong
TITLE OF INVENTION: Vectors and Methods for Immunization or
FILE REFERENCE: C1039/7009
CURRENT APPLICATION NUMBER: US/09/082,649B
CURRENT FILING DATE: 1998-05-20
PRIOR APPLICATION NUMBER: US 60/047,233
PRIOR FILING DATE: 1997-05-20
PRIOR APPLICATION NUMBER: US 60/047,209
PRIOR FILING DATE: 1997-05-20
NUMBER OF SEQ ID NOS: 85
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 77
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: synthetic oligonucleotide
US-09-082-649B-77

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5771 CTGGCCGCGCTGCTGCTG 5790
DB 20 CCGGCCGCGCGCGCGCGCG 1

RESULT 2593
US-09-488-074-3/c
Sequence 3, Application US/09488074
Patent No. 6339071
GENERAL INFORMATION:
APPLICANT: LEVESQUE, Luc
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATING
FILE REFERENCE: 12168-3US
CURRENT APPLICATION NUMBER: US/09/488,074
CURRENT FILING DATE: 2000-01-20
EARLIER APPLICATION NUMBER: US 60/140,446
EARLIER FILING DATE: 1999-06-23
NUMBER OF SEQ ID NOS: 14
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 3
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense oligonucleotide
US-09-488-074-3

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2844 GTGCCACCAATTCGAGG 2863

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DB      20 GTGCCACCCGGGTCCACAG 1
      ||||| |||||
RESULT 2594
US-09-131-831B-4
; Sequence 4, Application US/0911831B
; Patent No. 6339149
; GENERAL INFORMATION:
; APPLICANT: Coulle, Pierre; Ikeda, Hideyuki; Boon-
; Faileur, Thierry
; TITLE OF INVENTION: Isolated Nucleic Acid Molecules
; Coding For Tumor Rejection Antigen Precursors DAGE and
; Uses Thereof
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fulbright & Jaworski L.L.P.
; STREET: 666 Fifth Avenue
; CITY: New York City
; STATE: New York
; COUNTRY: USA
; ZIP: 10103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb storage
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: Wordperfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/131,831B
; FILING DATE: 11-Aug-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/809,999
; FILING DATE: 9-April-1997
; APPLICATION NUMBER: 08/316,231
; FILING DATE: 30-September-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Hanson, No. 6339149man D.
; REGISTRATION NUMBER: 30,946
; REFERENCE/DOCKET NUMBER: LUD 5386.3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 318-3100
; TELEFAX: (212) 318-3400
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid
; FEATURE:
; NAME/KEY: PCR primer
; SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-09-131-831B-4

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2748 GGTTCACGAGATCTCTGC 2767
DB      1 GGTCTCGAGAGACTCTGC 20

RESULT 2595
US-09-378-842-29
; Sequence 29, Application US/09378842
; Patent No. 6342392
; GENERAL INFORMATION:
; APPLICANT: The Government of the United
; States of America as represented by the
; APPLICANT: Secretary, Department of Health and Human
; Services; Callahan, Robert; Marchetti,

```

```

; APPLICANT: Antonio, Buttlea, Fiamma; Smith, Gilbert H.
; TITLE OF INVENTION: Nucleotide And Deduced
; Amino Acid Sequences Of A New Tumor Gene,
; Int6, And The Use Of Reagents Derived From
; These Sequences In Diagnostic Assays,
; Vaccines, Immunotherapy And Gene Therapy
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
; STREET: 345 PARK AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: MS WORD 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/378,842
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/875,847
; FILING DATE: 09-FEB-1996
; APPLICATION NUMBER: 08/385,998
; FILING DATE: 09-FEB-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: William S. Feller
; REGISTRATION NUMBER: 26,728
; REFERENCE/DOCKET NUMBER: 2026-4179PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-4800
; TELEFAX: (212) 751-6849
; TELEX: 421792
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-378-842-29

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3426 TGTCCACATTTTCGCCCA 3445
DB      1 TGTCCACATATTCTACGCTA 20

RESULT 2596
US-09-482-971-12/C
; Sequence 12, Application US/09482971
; Patent No. 6348350
; GENERAL INFORMATION:
; APPLICANT: Fong, T.M.
; APPLICANT: Huang, R-R. C.
; APPLICANT: Strader, C.D.
; TITLE OF INVENTION: Human Neurokinin-3 Receptor
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Merck & Co., Inc.
; STREET: P. O. Box 2000
; CITY: Rahway
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07065-0907
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

```

```

; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/482,971
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/090,369
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Thies, J. E.
; REGISTRATION NUMBER: P-35,382
; REFERENCE/DOCKET NUMBER: 18685
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (908) 594-3904
; TELEFAX: (908) 594-4720
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
;
US-09-482-971-12
;
Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2037 TATCACGACGAGTGTAGCCA 2056
DB      20 TATCACGACGAGTGTAGCCA 1

RESULT 2597
US-09-248-386-20/c
; Sequence 20, Application US/09248386
; Patent No. 6359124
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P
; APPLICANT: Pfeifer, Yuseph M
; APPLICANT: Sanghvi, Yogesh S
; APPLICANT: Cook, Phillip D
; APPLICANT: Ecker, David J
; TITLE OF INVENTION: Antisense Inhibition of RAS Gene with Chimeric and
; TITLE OF INVENTION: Alternating Oligonucleotides
; FILE REFERENCE: IS183350
; CURRENT APPLICATION NUMBER: US/09/248,386
; CURRENT FILING DATE: 1999-01-12
; EARLIER APPLICATION NUMBER: 08/848,840
; EARLIER FILING DATE: 1997-04-30
; EARLIER APPLICATION NUMBER: 07/411,734
; EARLIER FILING DATE: 1989-09-25
; EARLIER APPLICATION NUMBER: PCT/US93/09346
; EARLIER FILING DATE: 1993-10-01
; EARLIER APPLICATION NUMBER: 07/715,196
; EARLIER FILING DATE: 1991-06-14
; EARLIER APPLICATION NUMBER: 07/958,134
; EARLIER FILING DATE: 1992-10-05
; EARLIER APPLICATION NUMBER: 08/007,996
; EARLIER FILING DATE: 1993-01-21
; EARLIER APPLICATION NUMBER: 07/703,619
; EARLIER FILING DATE: 1991-05-21
; EARLIER APPLICATION NUMBER: 08/040,903
; EARLIER FILING DATE: 1993-03-31
; EARLIER APPLICATION NUMBER: 07/040,526
; EARLIER FILING DATE: 1987-04-20
; EARLIER APPLICATION NUMBER: 08/174,379
; EARLIER FILING DATE: 1993-12-28
; EARLIER APPLICATION NUMBER: 08/040,933
; EARLIER FILING DATE: 1993-03-31
; EARLIER APPLICATION NUMBER: 08/300,072
; EARLIER FILING DATE: 1994-09-02

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; EARLIER APPLICATION NUMBER: 08/039,979
; EARLIER FILING DATE: 1993-03-30
; EARLIER APPLICATION NUMBER: 08/395,168
; EARLIER FILING DATE: 1995-02-27
; EARLIER APPLICATION NUMBER: 07/814,961
; EARLIER FILING DATE: 1991-12-24
; EARLIER APPLICATION NUMBER: 08/244,993
; EARLIER FILING DATE: 1994-06-21
; EARLIER APPLICATION NUMBER: 08/468,037
; EARLIER FILING DATE: 1995-06-06
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6359124el Sequence
;
US-09-248-386-20
;
Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      49 GCGCGCGGACGAGGAGCTG 68
DB      20 GCGCGCGGAGCGGAGGAG 1

RESULT 2598
US-09-561-497-20
; Sequence 20, Application US/09561497
; Patent No. 6372433
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR OF DNA BINDING-1 EXPRESSION
; FILE REFERENCE: RTS-0149
; CURRENT APPLICATION NUMBER: US/09/561,497
; CURRENT FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
;
US-09-561-497-20
;
Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5762 GCTTCTGCTGCGCGGCTT 5781
DB      1 GCTGCTGCTTTCGCGGCTT 20

RESULT 2599
US-09-561-497-42
; Sequence 42, Application US/09561497
; Patent No. 6372433
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR OF DNA BINDING-1 EXPRESSION
; FILE REFERENCE: RTS-0149
; CURRENT APPLICATION NUMBER: US/09/561,497
; CURRENT FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 42

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/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-561-497-42

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 108 CCGAGCCCGCCCGGATCC 127
DB 1 CCGAGCCCGGACCGGACCC 20

RESULT 2600

US-09-732-199A-29
/ Sequence 29, Application US/09732199A
/ Patent No. 6379960
/ GENERAL INFORMATION:

/ APPLICANT: Jacqueline Wyrat
/ TITLE OF INVENTION: ANTISENSE MODULATION OF DAMAGE-SPECIFIC DNA BINDING PROTEIN 2, P4
/ FILE REFERENCE: RTS-0214
/ CURRENT APPLICATION NUMBER: US/09/732,199A
/ CURRENT FILING DATE: 2000-12-06
/ NUMBER OF SEQ ID NOS: 57
/ SEQ ID NO 29
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-732-199A-29

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5085 CTAACCTCCATCTGCCCTG 5104
DB 1 CTGACACATCATCTTCCCTG 20

RESULT 2601

US-09-177-437-6
/ Sequence 6, Application US/09177437
/ Patent No. 6363746
/ GENERAL INFORMATION:

/ APPLICANT: Florence Guignard
/ APPLICANT: Philip M. Murphy
/ APPLICANT: Christophe Combadieere
/ APPLICANT: H. Lee Tiffany
/ TITLE OF INVENTION: FUNCTIONAL PROMOTER FOR CCR5
/ FILE REFERENCE: 14014.0332
/ CURRENT APPLICATION NUMBER: US/09/177,437
/ CURRENT FILING DATE: 1998-10-21
/ EARLIER APPLICATION NUMBER: 60/065,934
/ EARLIER FILING DATE: 1997-10-23
/ NUMBER OF SEQ ID NOS: 12
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 6
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:/No. 6363746e =
US-09-177-437-6

Query Match 0.2%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 7283 GTGACTGTGTCATTTGT 7302
DB 1 GTGTGTGTTTGTGTTTGT 20

RESULT 2602

US-09-702-246-73
/ Sequence 73, Application US/09702246
/ Patent No. 6383809
/ GENERAL INFORMATION:

/ APPLICANT: C. Frank Bennett
/ APPLICANT: Lex M. Cowert
/ TITLE OF INVENTION: ANTISENSE MODULATION OF CYTHESIN-1 EXPRESSION
/ FILE REFERENCE: RTS-0195
/ CURRENT APPLICATION NUMBER: US/09/702,246
/ CURRENT FILING DATE: 2000-10-30
/ NUMBER OF SEQ ID NOS: 89
/ SEQ ID NO 73
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-702-246-73

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5061 CACAAGTCCCTAAGAGAGT 5080
DB 1 CAAAAGTCCCTAAGCCATT 20

RESULT 2603

US-09-588-950A-6
/ Sequence 6, Application US/09588950A
/ Patent No. 6399305
/ GENERAL INFORMATION:

/ APPLICANT: Makino, Yoshiniko
/ APPLICANT: Abe, Yoshiniko
/ APPLICANT: Ogawa, Masaaki
/ APPLICANT: Takagi, Makoto
/ APPLICANT: Yamashita, Kenichi
/ APPLICANT: Shigeori
/ TITLE OF INVENTION: Protection of Partial Complementary Nucleic Acid Fragment Using a
/ FILE REFERENCE: JG-Y-4980/500569.20039
/ CURRENT APPLICATION NUMBER: US/09/588,950A
/ CURRENT FILING DATE: 2000-06-07
/ PRIOR APPLICATION NUMBER: Japan 11-159339
/ PRIOR FILING DATE: 1999-06-07
/ NUMBER OF SEQ ID NOS: 9
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 6
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthesized
US-09-588-950A-6

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4464 TTTTGTGTTTGTGTTTGT 4483
DB 1 TTTTGTGTTTGTGTTTGT 20


```
RESULT 2604
US-09-135-202-17
; Sequence 17, Application US/09135202
; Patent No. 639754
; GENERAL INFORMATION:
; APPLICANT: Phillip Dan Cook
; APPLICANT: Andrew Kawasaki
; TITLE OF INVENTION: Sugar Modified Oligonucleotides
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 639754rls
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 720 Kb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: MordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/135,202
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/471,973
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Luccl
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-2005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
; US-09-135-202-17

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 65.0%; Pred. No. 2.3e+03;
Matches 13; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

Qy      6538 CATAGATATCTGTAGGCT 6557
Db      1 CAUAGGAGUGCCUAGGCT 20

RESULT 2605
US-09-844-634-54/c
; Sequence 54, Application US/09844634
; Patent No. 6410324
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESST
; FILE REFERENCE: RTS-0216
; CURRENT APPLICATION NUMBER: US/09/844,634
; CURRENT FILING DATE: 2001-04-27
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 54
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-844-634-54
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Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4684 CCTGATCTGTGTGATGAGCC 4703
Db      20 CTTGATCTGTGATGAGCC 1

RESULT 2606
US-09-844-634-96
; Sequence 96, Application US/09844634
; Patent No. 6410324
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESST
; FILE REFERENCE: RTS-0216
; CURRENT APPLICATION NUMBER: US/09/844,634
; CURRENT FILING DATE: 2001-04-27
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 96
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-844-634-96

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      3810 GAGCTGCTGAGATGACGC 3829
Db      1 GAAGTACTGAGATTACGCG 20

RESULT 2607
US-09-844-634-159/c
; Sequence 159, Application US/09844634
; Patent No. 6410324
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESST
; FILE REFERENCE: RTS-0216
; CURRENT APPLICATION NUMBER: US/09/844,634
; CURRENT FILING DATE: 2001-04-27
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 159
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-844-634-159

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      5808 CTGTGCTGATGTGATGAT 5827
Db      20 CTGTGCTGATGTGATGAT 1

RESULT 2608
US-09-506-073-46
; Sequence 46, Application US/09506073
; Patent No. 6410518
; GENERAL INFORMATION:
```

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; APPLICANT: Monia, Brett P.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene Expression
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/09/506,073
; CURRENT FILING DATE: 2000-02-18
; EARLIER APPLICATION NUMBER: US 09/143,214
; EARLIER FILING DATE: 1998-08-28
; EARLIER APPLICATION NUMBER: PCT/US98/13961
; EARLIER FILING DATE: 1998-07-06
; EARLIER APPLICATION NUMBER: US 08/888,982
; EARLIER FILING DATE: 1997-07-07
; EARLIER APPLICATION NUMBER: US 08/756,806
; EARLIER FILING DATE: 1996-11-26
; EARLIER APPLICATION NUMBER: PCT/US95/07111
; EARLIER FILING DATE: 1995-05-31
; EARLIER APPLICATION NUMBER: US 08/250,856
; EARLIER FILING DATE: 1994-05-31
; NUMBER OF SEQ ID NOS: 130
; SEQ ID NO 46
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-506-073-46

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      7102 AATTAGGAAATGAAATTA 7121
DB      1 AAGAGGCAATATGAGTTA 20

RESULT 2609
US-09-506-073-61/c
; Sequence 61, Application US/09506073
; Patent No. 6410518
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene Expression
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/09/506,073
; CURRENT FILING DATE: 2000-02-18
; EARLIER APPLICATION NUMBER: US 09/143,214
; EARLIER FILING DATE: 1998-08-28
; EARLIER APPLICATION NUMBER: PCT/US98/13961
; EARLIER FILING DATE: 1998-07-06
; EARLIER APPLICATION NUMBER: US 08/888,982
; EARLIER FILING DATE: 1997-07-07
; EARLIER APPLICATION NUMBER: US 08/756,806
; EARLIER FILING DATE: 1996-11-26
; EARLIER APPLICATION NUMBER: PCT/US95/07111
; EARLIER FILING DATE: 1995-05-31
; EARLIER APPLICATION NUMBER: US 08/250,856
; EARLIER FILING DATE: 1994-05-31
; NUMBER OF SEQ ID NOS: 130
; SEQ ID NO 61
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-506-073-61

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4648 GAATTCCTCTTGAGAGC 4667
DB      20 GAATTTGTCTCCAGAGC 1

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RESULT 2610
US-09-506-073-71
; Sequence 71, Application US/09506073
; Patent No. 6410518
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene Expression
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/09/506,073
; CURRENT FILING DATE: 2000-02-18
; EARLIER APPLICATION NUMBER: US 09/143,214
; EARLIER FILING DATE: 1998-08-28
; EARLIER APPLICATION NUMBER: PCT/US98/13961
; EARLIER FILING DATE: 1998-07-06
; EARLIER APPLICATION NUMBER: US 08/888,982
; EARLIER FILING DATE: 1997-07-07
; EARLIER APPLICATION NUMBER: US 08/756,806
; EARLIER FILING DATE: 1996-11-26
; EARLIER APPLICATION NUMBER: PCT/US95/07111
; EARLIER FILING DATE: 1995-05-31
; EARLIER APPLICATION NUMBER: US 08/250,856
; EARLIER FILING DATE: 1994-05-31
; NUMBER OF SEQ ID NOS: 130
; SEQ ID NO 71
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-506-073-71

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2999 CCCACCCCTCACCCTCATCT 3018
DB      1 CCACACCATCATCTCATCT 20

RESULT 2611
US-09-817-856-9/c
; Sequence 9, Application US/09817856
; Patent No. 6420550
; GENERAL INFORMATION:
; APPLICANT: Louis J. Elsas II
; TITLE OF INVENTION: MOLECULAR DIAGNOSTICS FOR GALACTOSEMIA
; FILE REFERENCE: 05010.0079
; CURRENT APPLICATION NUMBER: US/09/817,856
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: /No. 6420550 =
US-09-817-856-9

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1307 CCACGCTAGATCCGCTCA 1326
DB      20 CCAGAGCTAGAGCCACTACA 1

RESULT 2612

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US-09-370-398-13/c
; Sequence 13, Application US/09370398
; Patent No. 6423682
; GENERAL INFORMATION:
; APPLICANT: Ballinger, Dennis G.
; TITLE OF INVENTION: Growth Factor Antagonist Materials and Methods
; FILE REFERENCE: 2810/35878
; CURRENT APPLICATION NUMBER: US/09/370,398
; CURRENT FILING DATE: 1998-08-06
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-370-398-13

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6254 ATCCAGTCCAACTGATCCA 6273
DB      20 ATCCAGCCCAAGGATGTCCTCA 1

RESULT 2613
US-09-657-452A-53
; Sequence 53, Application US/09657452A
; Patent No. 6426188
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monla
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHORYLASE KINASE ALPHA 1 EXPRESSION
; FILE REFERENCE: RTS-0125
; CURRENT APPLICATION NUMBER: US/09/657,452A
; CURRENT FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 178
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-452A-53

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      7052 GTGCAAGTAAAGACATTGT 7071
DB      1 GTGAAGTAAAGATAGTTT 20

RESULT 2614
US-09-487-792-42
; Sequence 42, Application US/09487792
; Patent No. 6433145
; GENERAL INFORMATION:
; APPLICANT: Human Genome Sciences, Inc.
; TITLE OF INVENTION: Keratinocyte Derived Interferon
; FILE REFERENCE: PR482P1
; CURRENT APPLICATION NUMBER: US/09/487,792
; CURRENT FILING DATE: 2000-01-20
; EARLIER APPLICATION NUMBER: 60/093,643
; EARLIER FILING DATE: 1998-07-21
; EARLIER APPLICATION NUMBER: PCT/US99/16424
; EARLIER FILING DATE: 1999-07-21
; NUMBER OF SEQ ID NOS: 54
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; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-487-792-42

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2104 CGACACGGCAGATCAT 2123
DB      1 CGTCCAGGATGAGACCAT 20

RESULT 2615
US-09-661-753-37/c
; Sequence 37, Application US/09661753
; Patent No. 6435909
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan F. Murray
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA
; FILE REFERENCE: ISPH-0498
; CURRENT APPLICATION NUMBER: US/09/661,753
; CURRENT FILING DATE: 2000-09-14
; EARLIER APPLICATION NUMBER: 60/154,546
; EARLIER FILING DATE: 1999-09-17
; NUMBER OF SEQ ID NOS: 68
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-661-753-37

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      760 CCTGAGGCTACTACACCC 779
DB      20 CTTGAGGCTGACTACTACGC 1

RESULT 2616
US-09-780-175-37
; Sequence 37, Application US/09780175
; Patent No. 6440738
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Susan M. Freier
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-BETA EXPRESSION
; FILE REFERENCE: RTS-0164
; CURRENT APPLICATION NUMBER: US/09/780,175
; CURRENT FILING DATE: 2001-02-08
; NUMBER OF SEQ ID NOS: 154
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-780-175-37

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3099 CACAGTCTAAAGCTCATG 3118
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Db 1 CTGAGGCTAAAGCCTCGTG 20

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RESULT 2617
US-09-780-175-66/c
; Sequence 66, Application US/09780175
; Patent No. 6440738
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-BETA EXPRESSION
; FILE REFERENCE: RTS-0164
; CURRENT APPLICATION NUMBER: US/09/780.175
; CURRENT FILING DATE: 2001-02-08
; NUMBER OF SEQ ID NOS: 154
; SEQ ID NO 66
; LENGTH: 20
; TYPR: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-780-175-66

```

Query Match	Similarity	Score	DB 1	length
Best Local	80.0%	Pred. No. 2.3e+03		20
Matches	16; Conservative	0; Mismatches	4;	Indels
				Gaps
QY	1342	ATCACTCGCCTGATGAGA	1361	
DB	20	ACCTGAGCCTGATGAGA	1	

```

Query Match Similarity      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity      80.0%; Pred. No. 2.3e+03;
Matches      16; Conservative      0; Mismatches      4; Indels      0; Gaps      0;

QY      39 CAGGCTCCGCGCGCGCGCA 58
          ||||| ||||| ||||| ||
Db      1 CAGGCTCCGTCGCGGCTCA 20

RESULT 2619
US-09-907-843-70
; Sequence 70, Application US/09907843
; Patent No. 6440739
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-2 EXPRESSION
; FILE REFERENCE: R1S-0279
; CURRENT APPLICATION NUMBER: US/09/907,843

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? CURRENT FILING DATE: 2001-07-17
? NUMBER OF SEQ ID NOS: 87
? SEQ ID NO 70
? LENGTH: 20
? TYPE: DNA
? ORGANISM: Artificial Sequence
? FEATURES:
? OTHER INFORMATION: Antisense Oligonucleotide
? US-09-907-843-70

```

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Qy      2985 ATCAACCTCATGTCCCCAC 3004
          ||| | ||||| ||||| |||
Db      1  ATGAGCTCATGTCCCCGAC 20

```

```

RESULT 2620
US-09-470-443-90
; Sequence 90, Application US/09470443
; Patent No. 6441156
; GENERAL INFORMATION:
; APPLICANT: Lerman, Michael I.
; APPLICANT: Minna, John D.
; APPLICANT: Latif, Farida
; APPLICANT: Wei, Ming-Hui
; APPLICANT: Sekido, Yoshitaka
; APPLICANT: Gao, Boming
; APPLICANT: Duh, Fuh-Mei
; TITLE OF INVENTION: Calcium Channel Compositions and Methods of Use Thereof
; FILE REFERENCE: NIH-05043
; CURRENT APPLICATION NUMBER: US/09/470,443
; CURRENT FILING DATE: 1999-12-22
; EARLIER APPLICATION NUMBER: 60/114,359
; EARLIER FILING DATE: 1998-12-30
; NUMBER OF SEQ. ID NOS: 114
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 90
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-470-443-90

```

```

RESULT 2621
US-09-791-211-75
; Sequence 75, Application US/09791211
; Patent No. 6448080
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF WRN EXPRESSION
; FILE REFERENCE: RTS-0205
; CURRENT APPLICATION NUMBER: US/09/791,211
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

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```
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-791-211-75

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2327 TGCAGAAAGCCATTCACACC 2346
Db      1 TTGAGAAACACATCATATCC 20

RESULT 2622
US-09-851-062-82/c
; Sequence 82, Application US/09851062
; Patent No. 6448081
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Susan M. Fretler
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN 12 P40 SUBUNIT EXPRESSION
; FILE REFERENCE: RTS-0247
; CURRENT APPLICATION NUMBER: US/09/851,062
; CURRENT FILING DATE: 2001-05-07
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 82
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-851-062-82

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6727 CTGGAATACCTTCTCTTTA 6746
Db      20 CTGGAATCCCTTCTCATTA 1

RESULT 2623
US-09-517-467B-57
; Sequence 57, Application US/09517467B
; Patent No. 6451602
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Lex M. Cowseert
; TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION
; FILE REFERENCE: RTS-0150
; CURRENT APPLICATION NUMBER: US/09/517,467B
; CURRENT FILING DATE: 2001-03-02
; PRIOR APPLICATION NUMBER: 09/517,467
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 345
; SEQ ID NO 57
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-517-467B-57

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      432 GGAATACATGTCAGCATT 451
Db      1 GGAATATACGCTCTCTT 20

RESULT 2624
```

```
US-09-517-467B-125
; Sequence 125, Application US/09517467B
; Patent No. 6451602
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Lex M. Cowseert
; TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION
; FILE REFERENCE: RTS-0150
; CURRENT APPLICATION NUMBER: US/09/517,467B
; CURRENT FILING DATE: 2001-03-02
; PRIOR APPLICATION NUMBER: 09/517,467
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 345
; SEQ ID NO 125
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-517-467B-125

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6102 TGGCTTTTCTGAGATTGCT 6121
Db      1 TGGCTTTGTTGAGATTGCT 20

RESULT 2625
US-09-517-467B-274
; Sequence 274, Application US/09517467B
; Patent No. 6451602
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Lex M. Cowseert
; TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION
; FILE REFERENCE: RTS-0150
; CURRENT APPLICATION NUMBER: US/09/517,467B
; CURRENT FILING DATE: 2001-03-02
; PRIOR APPLICATION NUMBER: 09/517,467
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 345
; SEQ ID NO 274
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-517-467B-274

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5793 TGCCTGCTGCTGCTGCTGTC 5812
Db      1 TTCTGCTGCTGCGGCCCTTC 20

RESULT 2626
US-08-275-951-27/c
; Sequence 27, Application US/08275951
; Patent No. 6451968
; GENERAL INFORMATION:
; APPLICANT: Egholm, Michael
; APPLICANT: Kieley, John
; APPLICANT: Griffen, Michael
; APPLICANT: Coull, James M.
; APPLICANT: Nielsen, Peter
; APPLICANT: Buchardt, Ole
; APPLICANT: Dueholm, Kim L.
```

```
/ APPLICANT: Christensen, Leif
/ TITLE OF INVENTION: Linked Peptide Nucleic Acids
/ FILE REFERENCE: ISIS1577
/ CURRENT APPLICATION NUMBER: US/08/275,951
/ CURRENT FILING DATE: 1994-07-15
/ PRIOR APPLICATION NUMBER: 08/108,591
/ PRIOR FILING DATE: 1993-11-22
/ PRIOR APPLICATION NUMBER: 08/088,658
/ PRIOR FILING DATE: 1993-07-02
/ PRIOR APPLICATION NUMBER: 08/088,661
/ PRIOR FILING DATE: 1993-07-02
/ PRIOR APPLICATION NUMBER: PCT/EP92/01219
/ PRIOR FILING DATE: 1992-05-22
/ PRIOR APPLICATION NUMBER: 986/91
/ PRIOR FILING DATE: 1991-05-22
/ PRIOR APPLICATION NUMBER: 987/91
/ PRIOR FILING DATE: 1991-05-24
/ PRIOR APPLICATION NUMBER: 510/92
/ PRIOR FILING DATE: 1991-04-15
/ SOFTWARE: Patentln Ver. 2.1
/ SEQ ID NO 27
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: (10)..(11)
/ OTHER INFORMATION: Lysine, Amino Hexanoic Acid, Lysine, Amino
/ OTHER INFORMATION: Hexanoic Acid, Lysine linkage
US-08-275-951-27

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4013 AATGAGAAAAAGAGAGAA 4032
DB 20 AAGAGAGAGAAAGAGAGAA 1

RESULT 2627
US-08-275-951-28/c
/ Sequence 28, Application US/08275951
/ Patent No. 6451968
/ GENERAL INFORMATION:
/ APPLICANT: Egholm, Michael
/ APPLICANT: Kieley, John
/ APPLICANT: Griffin, Michael
/ APPLICANT: Coull, James M.
/ APPLICANT: Nielsen, Peter
/ APPLICANT: Buchardt, Ole
/ APPLICANT: Dueholm, Kim L.
/ APPLICANT: Christensen, Leif
/ TITLE OF INVENTION: Linked Peptide Nucleic Acids
/ FILE REFERENCE: ISIS1577
/ CURRENT APPLICATION NUMBER: US/08/275,951
/ CURRENT FILING DATE: 1994-07-15
/ PRIOR APPLICATION NUMBER: 08/108,591
/ PRIOR FILING DATE: 1993-11-22
/ PRIOR APPLICATION NUMBER: 08/088,658
/ PRIOR FILING DATE: 1993-07-02
/ PRIOR APPLICATION NUMBER: 08/088,661
/ PRIOR FILING DATE: 1993-07-02
/ PRIOR APPLICATION NUMBER: PCT/EP92/01219
/ PRIOR FILING DATE: 1992-05-22
/ PRIOR APPLICATION NUMBER: 986/91
/ PRIOR FILING DATE: 1991-05-22
/ PRIOR APPLICATION NUMBER: 987/91
/ PRIOR FILING DATE: 1991-05-24
/ PRIOR APPLICATION NUMBER: 510/92
/ PRIOR FILING DATE: 1991-04-15
/ SOFTWARE: Patentln Ver. 2.1
/ SEQ ID NO 29
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: (10)..(11)
/ OTHER INFORMATION: Lysine, Amino Hexanoic Acid, Lysine, Amino
/ OTHER INFORMATION: Hexanoic Acid, Lysine linkage
US-08-275-951-29

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4013 AATGAGAAAAAGAGAGAA 4032
DB 20 AAGAGAGAGAAAGAGAGAA 1
```

```
/ NUMBER OF SEQ ID NOS: 65
/ SOFTWARE: Patentln Ver. 2.1
/ SEQ ID NO 28
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: No. 6451968el Sequence
/ NAME/KEY: misc feature
/ LOCATION: (10)..(11)
/ OTHER INFORMATION: Lysine, Amino Cis-hexenoic Acid, Lysine, Amino
/ OTHER INFORMATION: Cis-hexenoic Acid, Lysine linkage
US-08-275-951-28

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4013 AATGAGAAAAAGAGAGAA 4032
DB 20 AAGAGAGAGAAAGAGAGAA 1

RESULT 2628
US-08-275-951-29/c
/ Sequence 29, Application US/08275951
/ Patent No. 6451968
/ GENERAL INFORMATION:
/ APPLICANT: Egholm, Michael
/ APPLICANT: Kieley, John
/ APPLICANT: Griffin, Michael
/ APPLICANT: Coull, James M.
/ APPLICANT: Nielsen, Peter
/ APPLICANT: Buchardt, Ole
/ APPLICANT: Dueholm, Kim L.
/ APPLICANT: Christensen, Leif
/ TITLE OF INVENTION: Linked Peptide Nucleic Acids
/ FILE REFERENCE: ISIS1577
/ CURRENT APPLICATION NUMBER: US/08/275,951
/ CURRENT FILING DATE: 1994-07-15
/ PRIOR APPLICATION NUMBER: 08/108,591
/ PRIOR FILING DATE: 1993-11-22
/ PRIOR APPLICATION NUMBER: 08/088,658
/ PRIOR FILING DATE: 1993-07-02
/ PRIOR APPLICATION NUMBER: 08/088,661
/ PRIOR FILING DATE: 1993-07-02
/ PRIOR APPLICATION NUMBER: PCT/EP92/01219
/ PRIOR FILING DATE: 1992-05-22
/ PRIOR APPLICATION NUMBER: 986/91
/ PRIOR FILING DATE: 1991-05-22
/ PRIOR APPLICATION NUMBER: 987/91
/ PRIOR FILING DATE: 1991-05-24
/ PRIOR APPLICATION NUMBER: 510/92
/ PRIOR FILING DATE: 1991-04-15
/ NUMBER OF SEQ ID NOS: 65
/ SOFTWARE: Patentln Ver. 2.1
/ SEQ ID NO 29
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: No. 6451968el Sequence
/ NAME/KEY: misc feature
/ LOCATION: (10)..(11)
/ OTHER INFORMATION: Lysine, Amino Hexynoic Acid, Lysine, Amino
/ OTHER INFORMATION: Hexynoic Acid, Lysine linkage
US-08-275-951-29

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4013 AATGAGAAAAAGAGAGAA 4032
```

Db 20 AAAGAGAGAGAGAGAGAA 1

RESULT 2629
US-08-275-951-30/c
Sequence 30, Application US/08275951
Patent No. 6451968
GENERAL INFORMATION:
APPLICANT: Egholm, Michael
APPLICANT: Kiehl, John
APPLICANT: Grifflin, Michael
APPLICANT: Coull, James M.
APPLICANT: Nielsen, Peter
APPLICANT: Buchardt, Ole
APPLICANT: Dueholm, Kim L.
APPLICANT: Christensen, Leif
TITLE OF INVENTION: Linked Peptide Nucleic Acids
FILE REFERENCE: ISIS1577
CURRENT APPLICATION NUMBER: US/08/275,951
CURRENT FILING DATE: 1994-07-15
PRIOR APPLICATION NUMBER: 08/108,591
PRIOR FILING DATE: 1993-11-22
PRIOR APPLICATION NUMBER: 08/088,658
PRIOR FILING DATE: 1993-07-02
PRIOR APPLICATION NUMBER: 08/088,661
PRIOR FILING DATE: 1993-07-02
PRIOR APPLICATION NUMBER: PCT/EP92/01219
PRIOR FILING DATE: 1992-05-22
PRIOR APPLICATION NUMBER: 986/91
PRIOR FILING DATE: 1991-05-22
PRIOR APPLICATION NUMBER: 987/91
PRIOR FILING DATE: 1991-05-24
PRIOR APPLICATION NUMBER: 510/92
PRIOR FILING DATE: 1991-04-15
NUMBER OF SEQ ID NOS: 65
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 30
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: No. 6451968el Sequence
NAME/KEY: misc.feature
LOCATION: (10)..(11)
OTHER INFORMATION: Lysine, Meta-Amino Benzoic Acid, Lysine,
OTHER INFORMATION: Meta-Amino Benzoic Acid, Lysine linkage
US-08-275-951-30

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4013 AAATGAGAAAAAGAGAGAA 4032
Db 20 AAAGAGAGAGAGAGAGAA 1

RESULT 2630
US-08-275-951-63/c
Sequence 63, Application US/08275951
Patent No. 6451968
GENERAL INFORMATION:
APPLICANT: Egholm, Michael
APPLICANT: Kiehl, John
APPLICANT: Grifflin, Michael
APPLICANT: Coull, James M.
APPLICANT: Nielsen, Peter
APPLICANT: Buchardt, Ole
APPLICANT: Dueholm, Kim L.
APPLICANT: Christensen, Leif
TITLE OF INVENTION: Linked Peptide Nucleic Acids
FILE REFERENCE: ISIS1577

CURRENT APPLICATION NUMBER: US/08/275,951
CURRENT FILING DATE: 1994-07-15
PRIOR APPLICATION NUMBER: 08/108,591
PRIOR FILING DATE: 1993-11-22
PRIOR APPLICATION NUMBER: 08/088,658
PRIOR FILING DATE: 1993-07-02
PRIOR APPLICATION NUMBER: 08/088,661
PRIOR FILING DATE: 1993-07-02
PRIOR APPLICATION NUMBER: PCT/EP92/01219
PRIOR FILING DATE: 1992-05-22
PRIOR APPLICATION NUMBER: 986/91
PRIOR FILING DATE: 1991-05-22
PRIOR APPLICATION NUMBER: 987/91
PRIOR FILING DATE: 1991-05-24
PRIOR APPLICATION NUMBER: 510/92
PRIOR FILING DATE: 1991-04-15
NUMBER OF SEQ ID NOS: 65
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 63
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: No. 6451968el Sequence
NAME/KEY: misc.feature
LOCATION: (10)..(11)
OTHER INFORMATION: Ethylene Glycol, Ethylene Glycol, Ethylene Glycol
OTHER INFORMATION: Linkage
US-08-275-951-63

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4013 AAATGAGAAAAAGAGAGAA 4032
Db 20 AAAGAGAGAGAGAGAGAA 1

RESULT 2631
US-08-802-331-22
Sequence 22, Application US/08802331
Patent No. 6451991
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D.
APPLICANT: Monia, Brett
APPLICANT: Martin, Pierre
APPLICANT: Altman, Karl-Heinz
TITLE OF INVENTION: Sugar-Modified Gapped Oligonucleotides
FILE REFERENCE: ISN0083
CURRENT APPLICATION NUMBER: US/08/802,331
CURRENT FILING DATE: 1997-02-11
NUMBER OF SEQ ID NOS: 32
SOFTWARE: PatentIn Version 3.1
SEQ ID NO 22
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: No. 6451991el Sequence
US-08-802-331-22

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 65.0%; Pred. No. 2.3e+03;
Matches 13; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 6538 CATGATATCTGTAAGCT 6557
Db 1 CAUAGAGAGAGCCUAGGCT 20

RESULT 2632
US-09-920-672-33

```
; Sequence 33, Application US/09920672
; Patent No. 6455308
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF SERUM AMYLOID A4 EXPRESSION
; FILE REFERENCE: RTS-0251
; CURRENT APPLICATION NUMBER: US/09/920,672
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-672-33

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      5913 TCCCGAAGCCAGAGATGC 5932
Db      1 TCCCGAGCATAGAGATATC 20

RESULT 2633
US-09-920-672-51
; Sequence 51, Application US/09920672
; Patent No. 6455308
; GENERAL INFORMATION:
; APPLICANT: Mark J. Graham
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF SERUM AMYLOID A4 EXPRESSION
; FILE REFERENCE: RTS-0251
; CURRENT APPLICATION NUMBER: US/09/920,672
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-672-51

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      4395 ATTGCTTGTGTTTACAAA 4414
Db      1 AGTGCTGTGTTTCCAAATA 20

RESULT 2634
US-08-626-285-26/c
; Sequence 26, Application US/08626285
; Patent No. 6458530
; GENERAL INFORMATION:
; APPLICANT: Morris, Macdonald S.
; APPLICANT: Shoemaker, Daniel D.
; APPLICANT: Davis, Ronald W.
; APPLICANT: Miltmann, Michael P.
; TITLE OF INVENTION: Methods and Compositions for Selecting
; TITLE OF INVENTION: Tag Nucleic Acids and Probe Arrays
; NUMBER OF SEQUENCES: 56
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
```

```
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/626,285
; FILING DATE: 04-APR-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Garrett-Mackowski, Eugenia
; REGISTRATION NUMBER: 37,330
; REFERENCE/DOCKET NUMBER: 16528X-017300US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-626-285-26

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      7275 CCACGCTGTGACTGTTT 7294
Db      20 CCACGCGGCTTACTGTTT 1

RESULT 2635
US-09-679-185-6/c
; Sequence 6, Application US/09679185
; Patent No. 6458542
; GENERAL INFORMATION:
; APPLICANT: George Jr., Alfred L.
; APPLICANT: Roden, Dan M.
; TITLE OF INVENTION: METHOD OF SCREENING FOR SUSCEPTIBILITY TO
; TITLE OF INVENTION: DRUG-INDUCED CARDIAC ARRHYTHMIA
; FILE REFERENCE: Attorney Docket No. 6458542 1242-33-2
; CURRENT APPLICATION NUMBER: US/09/679,185
; CURRENT FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: 60/158,696
; PRIOR FILING DATE: 1999-10-08
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-679-185-6

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      1312 GCTAGATCCGCTCCAGACG 1331
Db      20 GCTATCCGCTCCAAAG 1

RESULT 2636
US-09-531-000-64
; Sequence 64, Application US/09531000
; Patent No. 6461810
; GENERAL INFORMATION:
; APPLICANT: JOHNSON, Marion D.
```


APPLICANT: FRESCO, Jacques R.
TITLE OF INVENTION: TRIPLEX IN-SITU HYBRIDIZATION
FILE REFERENCE: 2448-103
CURRENT APPLICATION NUMBER: US/09/531,000
CURRENT FILING DATE: 2000-09-08
PRIOR APPLICATION NUMBER: PCT/US98/23765
PRIOR FILING DATE: 1998-11-10
PRIOR APPLICATION NUMBER: 60/064,997
PRIOR FILING DATE: 1997-11-10
NUMBER OF SEQ ID NOS: 77
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 64
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target
US-09-531-000-64

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 7108 GAAAAATGAAATCTTCC 7127
Db 1 GAAAAAGAAATATCTCCC 20

RESULT 2637
US-09-531-000-64/c
Sequence 64, Application US/09531000
Patent No. 6461810
GENERAL INFORMATION:
APPLICANT: JOHNSON, Marion D.
APPLICANT: FRESCO, Jacques R.
TITLE OF INVENTION: TRIPLEX IN-SITU HYBRIDIZATION
FILE REFERENCE: 2448-103
CURRENT APPLICATION NUMBER: US/09/531,000
CURRENT FILING DATE: 2000-09-08
PRIOR APPLICATION NUMBER: PCT/US98/23765
PRIOR FILING DATE: 1998-11-10
PRIOR APPLICATION NUMBER: 60/064,997
PRIOR FILING DATE: 1997-11-10
NUMBER OF SEQ ID NOS: 77
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 64
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target
US-09-531-000-64

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4229 GTGCAATATACCTTTTC 4248
Db 20 GCGAAGATATTCCTTTTC 1

RESULT 2638
US-09-780-049-86/c
Sequence 86, Application US/09780049
Patent No. 6465250
GENERAL INFORMATION:
APPLICANT: Brecht P. Monia
APPLICANT: Jacqueline Wylie
TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT
TITLE OF INVENTION: EXPRESSION

FILE REFERENCE: RTS-0134
CURRENT APPLICATION NUMBER: US/09/780,049
CURRENT FILING DATE: 2001-02-09
NUMBER OF SEQ ID NOS: 96
SEQ ID NO 86
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-780-049-86

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4491 GACATGGGTTGGCTGTCT 4510
Db 20 GAGATGGGTTTGGTGCT 1

RESULT 2639
US-09-291-129-2
Sequence 2, Application US/09291129
Patent No. 6468742
GENERAL INFORMATION:
APPLICANT: Nerenberg, Michael I.
APPLICANT: Canter, David M.
APPLICANT: Radtkey, Ray R.
TITLE OF INVENTION: METHODS FOR DETERMINATION OF SINGLE
TITLE OF INVENTION: NUCLEIC ACID POLYMORPHISMS USING A
TITLE OF INVENTION: BIOELECTRIC MICROCHIP
FILE REFERENCE: 240/240
CURRENT APPLICATION NUMBER: US/09/291,129
CURRENT FILING DATE: 1999-04-12
EARLIER APPLICATION NUMBER: US 09/030,156
EARLIER FILING DATE: 1998-02-25
EARLIER APPLICATION NUMBER: US 08/986,065
EARLIER FILING DATE: 1997-12-05
EARLIER APPLICATION NUMBER: US 08/859,644
EARLIER FILING DATE: 1997-05-20
EARLIER APPLICATION NUMBER: US 08/725,976
EARLIER FILING DATE: 1996-10-04
EARLIER APPLICATION NUMBER: US 08/708,262
EARLIER FILING DATE: 1996-09-06
EARLIER APPLICATION NUMBER: US 08/534,454
EARLIER FILING DATE: 1995-09-27
EARLIER APPLICATION NUMBER: US 08/304,657
EARLIER FILING DATE: 1994-09-09
EARLIER APPLICATION NUMBER: US 08/271,882
EARLIER FILING DATE: 1994-07-07
EARLIER APPLICATION NUMBER: US 08/146,504
EARLIER FILING DATE: 1993-11-01
NUMBER OF SEQ ID NOS: 17
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 2
LENGTH: 20
TYPE: DNA
ORGANISM: human
US-09-291-129-2

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 335 ATTACTTGTGAGTGACATC 354
Db 1 ACTACGTGACGTGACATC 20

RESULT 2640
US-09-291-129-13
Sequence 13, Application US/09291129

```
/ Patent No. 6468742
/ GENERAL INFORMATION:
/ APPLICANT: Nerenberg, Michael I.
/ APPLICANT: Canter, David M.
/ APPLICANT: Radtkey, Ray R.
/ TITLE OF INVENTION: METHODS FOR DETERMINATION OF SINGLE
/ TITLE OF INVENTION: NUCLEIC ACID POLYMORPHISMS USING A
/ FILE REFERENCE: 240/240
/ CURRENT APPLICATION NUMBER: US/09/291,129
/ EARLIER APPLICATION NUMBER: US 09/030,156
/ EARLIER FILING DATE: 1998-02-25
/ EARLIER APPLICATION NUMBER: US 08/986,065
/ EARLIER FILING DATE: 1997-12-05
/ EARLIER APPLICATION NUMBER: US 08/859,644
/ EARLIER FILING DATE: 1997-05-20
/ EARLIER APPLICATION NUMBER: US 08/725,976
/ EARLIER FILING DATE: 1996-10-04
/ EARLIER APPLICATION NUMBER: US 08/708,262
/ EARLIER FILING DATE: 1996-09-06
/ EARLIER APPLICATION NUMBER: US 08/534,454
/ EARLIER FILING DATE: 1995-09-27
/ EARLIER APPLICATION NUMBER: US 08/304,657
/ EARLIER FILING DATE: 1994-09-09
/ EARLIER APPLICATION NUMBER: US 08/271,882
/ EARLIER FILING DATE: 1994-07-07
/ EARLIER APPLICATION NUMBER: US 08/146,504
/ EARLIER FILING DATE: 1993-11-01
/ NUMBER OF SEQ ID NOS: 17
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 13
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: human
US-09-291-129-13
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```
Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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```
QY      335 ATTACTTTGAGTGTGACATC 354
DB      1 ACTACAGTACGACGTGACATC 20
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```
RESULT 2641
US-09-475-947A-56
/ Sequence 56, Application US/09475947A
/ Patent No. 6472154
/ GENERAL INFORMATION:
/ APPLICANT: Garner, Harold R.
/ APPLICANT: Wren, Jonathan D.
/ APPLICANT: Minna, John D.
/ TITLE OF INVENTION: Polymorphic Repeats in Human Genes
/ FILE REFERENCE: UTS0667
/ CURRENT APPLICATION NUMBER: US/09/475,947A
/ CURRENT FILING DATE: 1999-12-31
/ NUMBER OF SEQ ID NOS: 346
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 56
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: human
US-09-475-947A-56
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```
Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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```
QY      4261 CCTTCTCTGCACTGTCTCTG 4280
DB      1 CCTGTCCCTGTCTCTCTCTG 20
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```
RESULT 2642
US-09-908-594-42
/ Sequence 42, Application US/09908594
/ Patent No. 6472512
/ GENERAL INFORMATION:
/ APPLICANT: Lafleur, et al.
/ TITLE OF INVENTION: Keratinocyte Derived Interferon
/ FILE REFERENCE: PFA82P2
/ CURRENT APPLICATION NUMBER: US/09/908,594
/ CURRENT FILING DATE: 2001-07-20
/ PRIOR APPLICATION NUMBER: 60/292,934
/ PRIOR FILING DATE: 2001-05-24
/ PRIOR APPLICATION NUMBER: 60/219,621
/ PRIOR FILING DATE: 2000-07-21
/ PRIOR APPLICATION NUMBER: 09/487,792
/ PRIOR FILING DATE: 2000-01-20
/ PRIOR APPLICATION NUMBER: US00/01239
/ PRIOR FILING DATE: 2000-01-20
/ PRIOR APPLICATION NUMBER: 09/358,587
/ PRIOR FILING DATE: 1999-07-21
/ PRIOR APPLICATION NUMBER: US99/16424
/ PRIOR FILING DATE: 1999-07-21
/ PRIOR APPLICATION NUMBER: 60/093,643
/ PRIOR FILING DATE: 1998-07-21
/ NUMBER OF SEQ ID NOS: 57
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 42
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ NAME/KEY: Primer Bind
/ OTHER INFORMATION: Synthetic primer complementary to the human STAT1.
US-09-908-594-42
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```
Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      2104 CGACCAAGCGCAAGATCAT 2123
DB      1 CGTCCACGGAATGAGACCAT 20
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```
RESULT 2643
US-09-706-197-84/C
/ Sequence 84, Application US/09706197
/ Patent No. 6475797
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: David Spector
/ APPLICANT: Jacqueline Wyatt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SR-CYP EXPRESSION
/ FILE REFERENCE: RTS-0145
/ CURRENT APPLICATION NUMBER: US/09/706,197
/ CURRENT FILING DATE: 2000-11-03
/ NUMBER OF SEQ ID NOS: 87
/ SEQ ID NO 84
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-706-197-84
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```
Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      6453 GTTTTGGATCTCTTTT 6472
DB      1 GTTTTGGATCTCTTTT 6472
```

Db 20 GTTTTGATGTTTATGT 1

RESULT 2644

US-09-698-505A-36
 ; Sequence 36, Application US/09698505A
 ; Patent No. 6479242
 ; GENERAL INFORMATION:
 ; APPLICANT: Guo, Baochuan
 ; TITLE OF INVENTION: A No. 6479242 Method for Genotyping of Single Nucleotide Polym
 ; FILE REFERENCE: 27433/04001
 ; CURRENT APPLICATION NUMBER: US/09/698,505A
 ; CURRENT FILING DATE: 2001-02-06
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 36
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: A Homozygote
 US-09-698-505A-36

Query Match 0.2%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 2.3e+03;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2884 GGGTAGGAGAGTAGGA 2903

Db 1 GGGAGGAGAGCTGTAGGA 20

RESULT 2645

US-09-920-668-32/c
 ; Sequence 32, Application US/09920668
 ; Patent No. 6482644
 ; GENERAL INFORMATION:
 ; APPLICANT: Lex M. Cowsett
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 8 EXPRESSION
 ; FILE REFERENCE: RTS-0246
 ; CURRENT APPLICATION NUMBER: US/09/920,668
 ; CURRENT FILING DATE: 2001-08-01
 ; NUMBER OF SEQ ID NOS: 49
 ; SEQ ID NO 32
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-09-920-668-32

Query Match 0.2%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 2.3e+03;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3388 CCCCAGCTGCCACCCAC 3407

Db 20 CCACGCTGCCACCACTAC 1

RESULT 2646

US-10-090-190-13/c
 ; Sequence 13, Application US/10090190
 ; Patent No. 6485920
 ; GENERAL INFORMATION:
 ; APPLICANT: Ballinger, Dennis G.
 ; TITLE OF INVENTION: Growth Factor Antagonist Materials and Methods
 ; FILE REFERENCE: 28110/35878
 ; CURRENT APPLICATION NUMBER: US/10/090,190
 ; CURRENT FILING DATE: 2002-02-04
 ; PRIOR APPLICATION NUMBER: US/09/370,398
 ; PRIOR FILING DATE: 1998-08-06
 ; NUMBER OF SEQ ID NOS: 13

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 13
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: primer
 US-10-090-190-13

Query Match 0.2%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 2.3e+03;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6254 ATCCAGTCCACCTGATCCA 6273

Db 20 ATCCAGCCCAAGTGTCCA 1

RESULT 2647

US-09-213-383-29/c
 ; Sequence 29, Application US/09213383
 ; Patent No. 6491906
 ; GENERAL INFORMATION:
 ; APPLICANT: Strieter, Robert M.
 ; TITLE OF INVENTION: CXCR Chemokines as Regulators of
 ; NUMBER OF SEQUENCES: 93
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESS: Arnold, White & Durkee
 ; STREET: P.O. Box 4433
 ; CITY: Houston
 ; STATE: TX
 ; COUNTRY: US
 ; ZIP: 77210
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/213,383
 ; FILING DATE: 09-Dec-1998
 ; CLASSIFICATION: <Unknown>
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/468,819
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Highlander, Steven L.
 ; REGISTRATION NUMBER: 37,642
 ; REFERENCE/DOCKET NUMBER: UMIC.003/HYL
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 512/418-3000
 ; TELEFAX: 512/474-7477
 ; TELE: N/A
 ; INFORMATION FOR SEQ ID NO: 29:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULAR TYPE: other nucleic acid
 ; DESCRIPTION: /desc = "DNA"
 ; SEQUENCE DESCRIPTION: SEQ ID NO: 29:

Query Match 0.2%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 2.3e+03;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 45 CCGCGGGGGGCGAAGAG 64

Db 45 CCGCGGGGGGCGAAGAG 64

Db 20 CCTGACGGCGCAACAAG 1

RESULT 2648
US-09-213-383-37/c
Sequence 37, Application US/09213383
Patent No. 6491906
GENERAL INFORMATION:
APPLICANT: Strieter, Robert M.
Kunkel, Steven L.
TITLE OF INVENTION: CXG Chemokines as Regulators of Angiogenesis
NUMBER OF SEQUENCES: 93
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: TX
COUNTRY: US
ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/213,383
FILING DATE: 09-Dec-1998
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/468,819
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Highlander, Steven L.
REGISTRATION NUMBER: 37,642
REFERENCE/DOCKET NUMBER: UMIC:003/HYL
TELECOMMUNICATION INFORMATION:
TELEPHONE: 512/418-3000
TELEFAX: 512/474-7477
TELEX: N/A
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 37:
US-09-213-383-37

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2555 CGTACCAGCTGTGCCACT 2574
Db 20 CGTACTGATGTGCTCGCT 1

RESULT 2649
US-09-213-383-45/c
Sequence 45, Application US/09213383
Patent No. 6491906
GENERAL INFORMATION:
APPLICANT: Strieter, Robert M.
Kunkel, Steven L.
TITLE OF INVENTION: CXG Chemokines as Regulators of Angiogenesis
NUMBER OF SEQUENCES: 93
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: TX
COUNTRY: US
ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/213,383
FILING DATE: 09-Dec-1998
CLASSIFICATION: <Unknown>

ADDRESS: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: TX
COUNTRY: US
ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/213,383
FILING DATE: 09-Dec-1998
CLASSIFICATION: <Unknown>

ATTORNEY/AGENT INFORMATION:
NAME: Highlander, Steven L.
REGISTRATION NUMBER: 37,642
REFERENCE/DOCKET NUMBER: UMIC:003/HYL
TELECOMMUNICATION INFORMATION:
TELEPHONE: 512/418-3000
TELEFAX: 512/474-7477
TELEX: N/A
INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 45:
US-09-213-383-45

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 45 CCGGGGGCGGGCAACGAG 64
Db 20 CCTGACGGCGGCAACAAG 1

RESULT 2650
US-09-213-383-65/c
Sequence 65, Application US/09213383
Patent No. 6491906
GENERAL INFORMATION:
APPLICANT: Strieter, Robert M.
Kunkel, Steven L.
TITLE OF INVENTION: CXG Chemokines as Regulators of Angiogenesis
NUMBER OF SEQUENCES: 93
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: TX
COUNTRY: US
ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/213,383
FILING DATE: 09-Dec-1998
CLASSIFICATION: <Unknown>

```

; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 08/468,819
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Highlander, Steven L.
; REGISTRATION NUMBER: 37,642
; REFERENCE/DOCKET NUMBER: UMIC:003/HYL
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512/418-3000
; TELEFAX: 512/474-7477
; TELEX: N/A
; INFORMATION FOR SEQ ID NO: 65:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
; SEQUENCE DESCRIPTION: SEQ ID NO: 65:
US-09-213-383-65

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2555 CGTACGAGCTGTGCACACT 2574
DB      20 CGTACCGATGTGCTCGCT 1

RESULT 2651
US-09-844-521-67/c
; Sequence 67, Application US/09844521
; Patent No. 6492172
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Harris Busch
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF GU PROTEIN EXPRESSION
; FILE REFERENCE: PRS-0163
; CURRENT APPLICATION NUMBER: US/09/844,521
; CURRENT FILING DATE: 2001-04-27
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 67
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-844-521-67

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5438 TTGGCGAATGACAAGAAAT 5457
DB      20 TTGTGCAATATTAAGAAAT 1

RESULT 2652
US-09-629-644A-131
; Sequence 131, Application US/09629644A
; Patent No. 6492345
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Susan M. Freier
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Robert McKay
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
```

```

; FILE REFERENCE: ISPH-0478
; CURRENT APPLICATION NUMBER: US/09/629,644A
; CURRENT FILING DATE: 2000-07-31
; PRIOR APPLICATION NUMBER: US 09/487,368
; PRIOR FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 242
; SEQ ID NO 131
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-629-644A-131

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6847 TAATAGACTTGACCTCTCC 6866
DB      1 TAATAGACTTGACATCTTC 20

RESULT 2653
US-09-629-644A-131
; Sequence 131, Application US/09629644A
; Patent No. 6602857
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Susan M. Freier
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Robert McKay
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
; FILE REFERENCE: ISPH-0478
; CURRENT APPLICATION NUMBER: US/09/629,644A
; CURRENT FILING DATE: 2000-07-31
; PRIOR APPLICATION NUMBER: US 09/487,368
; PRIOR FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 242
; SEQ ID NO 131
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-629-644A-131

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6847 TAATAGACTTGACCTCTCC 6866
DB      1 TAATAGACTTGACATCTTC 20

RESULT 2654
US-08-545-573A-31/c
; Sequence 31, Application US/08545573A
; Patent No. 6495344
; GENERAL INFORMATION:
; APPLICANT: Carr, No. 64953441 Gordon
; APPLICANT: Mann, Nicholas Harold
; TITLE OF INVENTION: Phenylalanine-Free Protein and DNA Coding
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
```

```

; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION NUMBER: US/08/545,573A
; FILING DATE: 16-JAN-1996
; CLASSIFICATION: 435
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/GB94/01046
; FILING DATE: 16-MAY-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9310472.7
; FILING DATE: 20-MAY-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Liebeschuetz, Joe
; REGISTRATION NUMBER: 37,505
; REFERENCE/DOCKET NUMBER: 016994-011900US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: -
; LOCATION: 1..20
; OTHER INFORMATION: /note "3'-terminal oligonucleotide PCR
; OTHER INFORMATION: primer for Block A"
; US-08-545-573A-31

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4987 GGCACAGCCCGCTGAGAA 5006
DB 20 GTCCCAACTCAGCTGAGAA 1

RESULT 2655
US-08-569-284-26
; Sequence 26, Application US/08569284
; Patent No. 6500417
; GENERAL INFORMATION:
; APPLICANT: DORSSERS J., LAMBERTUS C.
; APPLICANT: VAN LEEU, ROBERT W.
; TITLE OF INVENTION: MUTANTS OF HUMAN INTERLEUKIN-3
; NUMBER OF SEQUENCES: 48
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 Page Mall Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/569,284
; FILING DATE: 08-DEC-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:

```

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; APPLICATION NUMBER: US/08/150,331
; FILING DATE:
; APPLICATION NUMBER: US 07/651,437
; FILING DATE: 05-FEB-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: GRACEY, NANCY J.
; REGISTRATION NUMBER: 28,216
; REFERENCE/DOCKET NUMBER: 24615-20010.20
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-569-284-26

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 224 GACCTCGGAGCAGCTGCG 243
DB 1 GATCCTCGCAGCAGCGCG 20

RESULT 2656
US-09-898-361-87
; Sequence 87, Application US/09898361
; Patent No. 6503152
; GENERAL INFORMATION:
; APPLICANT: Susan Murray
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
; FILE REFERENCE: RTS-0158
; CURRENT APPLICATION NUMBER: US/09/898,361
; CURRENT FILING DATE: 2001-06-21
; NUMBER OF SEQ ID NOS: 163
; SEQ ID NO 87
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-898-361-87

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6764 GAGTATGAGGCGCACTTTT 6783
DB 1 GGGTATGCAGTGCCCTTTT 20

RESULT 2657
US-09-898-361-151
; Sequence 151, Application US/09898361
; Patent No. 6503152
; GENERAL INFORMATION:
; APPLICANT: Susan Murray
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
; FILE REFERENCE: RTS-0158
; CURRENT APPLICATION NUMBER: US/09/898,361
; CURRENT FILING DATE: 2001-06-21
; NUMBER OF SEQ ID NOS: 163
; SEQ ID NO 151

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; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-898-361-151

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4746 GGAAGAAGGCTCTAATCTT 4765
Db      1 GGAAGAAGGAGGAGCAAGCTT 20

RESULT 2658
US-09-657-346A-59
; Sequence 59, Application US/09657346A
; Patent No. 6503754
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST
; FILE REFERENCE: RTS-0135
; CURRENT APPLICATION NUMBER: US/09/657,346A
; CURRENT FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 59
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-346A-59

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      645 CTTGTCAGCGGCCCAATCC 664
Db      1 CCAAGGCGAGTGGCCAGGTCC 20

RESULT 2659
US-09-657-346A-70/c
; Sequence 70, Application US/09657346A
; Patent No. 6503754
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST
; FILE REFERENCE: RTS-0135
; CURRENT APPLICATION NUMBER: US/09/657,346A
; CURRENT FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-346A-70

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      7453 AAGACAACAGTGGCTTCTAT 7472
Db      1 AAGACAACAGTGGCTTCTAT 7472

; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-668-313A-43/c

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6189 TGAGAAGAGATGAGAGAA 6208
Db      20 TCAGAGAGATGAGAGCA 1

RESULT 2661
US-09-668-313A-75/c
; Sequence 75, Application US/09668313A
; Patent No. 6503756
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monla
; APPLICANT: Susan M. Freier
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF SYNTAXIN 4 INTERACTING PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0127
; CURRENT APPLICATION NUMBER: US/09/668,313A
; CURRENT FILING DATE: 2000-09-22
; NUMBER OF SEQ ID NOS: 247
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-668-313A-75

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6992 TGAAGTGGAAAGGAGATT 7011
Db      20 TGAAGTGGAAATGAGACT 1

RESULT 2662
US-09-238-710-31
; Sequence 31, Application US/09238710A
; Patent No. 6518018
; GENERAL INFORMATION:
; APPLICANT: Szoetlak, Jack W.
; APPLICANT: Roberts, Richard W.
; APPLICANT: Liu, Rihé
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
; FILE REFERENCE: RTS-0127
; CURRENT APPLICATION NUMBER: US/09/238,710A
; CURRENT FILING DATE: 2000-09-22
; NUMBER OF SEQ ID NOS: 247
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-238-710-31

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      7453 AAGACAACAGTGGCTTCTAT 7472
Db      1 AAGACAACAGTGGCTTCTAT 7472
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; FILE REFERENCE: 00786/350004
; CURRENT APPLICATION NUMBER: US/09/238,710A
; CURRENT FILING DATE: 1999-01-28
; EARLIER APPLICATION NUMBER: 60/035,963
; EARLIER FILING DATE: 1997-01-27
; EARLIER APPLICATION NUMBER: 60/064,491
; EARLIER FILING DATE: 1997-11-06
; EARLIER APPLICATION NUMBER: 09/007,005
; EARLIER FILING DATE: 1998-01-14
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA splint
US-09-238-710-31

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4465 TTTT TTTT TTTT TTTT TTTT G 4484
DB 1 TTTT TTTT TTTT GGTATT TG 20

RESULT 2663
US-09-358-383C-21
; Sequence 21, Application US/09358383C
; Patent No. 6518398
; GENERAL INFORMATION:
; APPLICANT: Curtis, Rory A.J.
; TITLE OF INVENTION: NOVEL POTASSIUM CHANNEL MOLECULES AND USES THEREFOR
; FILE REFERENCE: MNI-055CP
; CURRENT APPLICATION NUMBER: US/09/358,383C
; CURRENT FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: USSN 09/119,855
; PRIOR FILING DATE: 1998-07-21
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-358-383C-21

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5997 GAAGTCAGAGGGTTTCTGG 6016
DB 1 GGAGTCGGAGGTCTTCTGG 20

RESULT 2664
US-09-290-000-5
; Sequence 5, Application US/09290000
; Patent No. 6531302
; GENERAL INFORMATION:
; APPLICANT: Nerenberg, Michael I.
; APPLICANT: Westin, Lorelei P.
; APPLICANT: Landis, Geoffrey C.
; APPLICANT: Feng, Lana L.
; APPLICANT: Edman, Carl F.
; TITLE OF INVENTION: ANCHORED STRAND DISPLACEMENT AMPLIFICATION
; TITLE OF INVENTION: ON AN ELECTRONICALLY ADDRESSABLE MICROCHIP
; FILE REFERENCE: 238/065
; CURRENT APPLICATION NUMBER: US/09/290,000
; CURRENT FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 62
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; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: human
US-09-290-000-5

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 335 ATTACTTGAGGTGGACATC 354
DB 1 ACTACAGTACGTGGACATC 20

RESULT 2665
US-09-290-000-22
; Sequence 22, Application US/09290000
; Patent No. 6531302
; GENERAL INFORMATION:
; APPLICANT: Nerenberg, Michael I.
; APPLICANT: Westin, Lorelei P.
; APPLICANT: Landis, Geoffrey C.
; APPLICANT: Feng, Lana L.
; APPLICANT: Edman, Carl F.
; TITLE OF INVENTION: ANCHORED STRAND DISPLACEMENT AMPLIFICATION
; TITLE OF INVENTION: ON AN ELECTRONICALLY ADDRESSABLE MICROCHIP
; FILE REFERENCE: 238/065
; CURRENT APPLICATION NUMBER: US/09/290,000
; CURRENT FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: human
US-09-290-000-22

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 335 ATTACTTGAGGTGGACATC 354
DB 1 ACTACAGTACGTGGACATC 20

RESULT 2666
US-09-389-283-17
; Sequence 17, Application US/09389283
; Patent No. 6531584
; GENERAL INFORMATION:
; APPLICANT: Phillip Dan Cook
; APPLICANT: A. Kawaasaki
; TITLE OF INVENTION: 2'-Modified Oligonucleotides
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6531584 is
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 720 KB
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/389,283
; FILING DATE:
; CLASSIFICATION:
```



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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/035,357
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucci
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-2004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
; US-09-389-283-17

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 65.0%; Pred. No. 2.3e+03;
Matches 13; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 6538 CATGAGTATCTGTAAGGCT 6557
DB 1 CAUAGGAGAUCCUAGGCT 20

RESULT 2667
US-09-972-800A-45/c
; Sequence 45, Application US/09972800A
; Patent No. 6534277
; GENERAL INFORMATION:
; APPLICANT: Hancock, W.
; APPLICANT: Ozkayrak, E.
; TITLE OF INVENTION: ROLES OF JAK/STAT FAMILY MEMBERS IN TOLERANCE
; FILE REFERENCE: 7853-192
; CURRENT APPLICATION NUMBER: US/09/972,800A
; CURRENT FILING DATE: 2001-10-05
; PRIOR APPLICATION NUMBER: US/09/549,654
; PRIOR FILING DATE: 2000-04-14
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 45
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
; US-09-972-800A-45

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 744 CTCCTCTCTCACCGCTG 763
DB 20 CTCCTGCTTCAACGCTTG 1

RESULT 2668
US-09-535-370-5/c
; Sequence 5, Application US/09535370
; Patent No. 6537594
; GENERAL INFORMATION:
; APPLICANT: Paoletti, Enzo
; APPLICANT: Taregila, James
; APPLICANT: Cox, William I.
; TITLE OF INVENTION: RECOMBINANT VIRUS IMMUNOTHERAPY
; NUMBER OF SEQUENCES: 217
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Curtiss, Morris & Salford

; STREET: 530 Fifth Avenue
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/535,370
; FILING DATE: 24-Mar-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/460,736
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Frommer, William S.
; REGISTRATION NUMBER: 25,506
; REFERENCE/DOCKET NUMBER: 454310-2530
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 840-3333
; TELEFAX: (212) 840-0712
; TELEX: 425066CURTMS
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:
; US-09-535-370-5

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6425 GTGGCTCTATTAGCTAA 6444
DB 20 GCGCGCGCTTAATTACTAA 1

RESULT 2669
US-09-422-978-4925
; Sequence 4925, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSER 0200P1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4925
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-18729 for SEQ 991,
; US-09-422-978-4925
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Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1256 AGCGCGTGTATTAAGAACTG 1275
DB      1 AGTGCTGATATTAAGGCGCTG 20

RESULT 2670
US-09-422-978-5168/c
; Sequence 5168; Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5168
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-22189 for SEQ 1234,
US-09-422-978-5168

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5184 CATGTTCTCCACTTGATAC 5203
DB      20 CATTTCTCACTAGGAAC 1

RESULT 2671
US-09-422-978-5234
; Sequence 5234; Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5234
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20

; OTHER INFORMATION: upstream amplification primer 99-22675 for SEQ 1300,
US-09-422-978-5234

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      7065 CATTGTTGAATGCACGTGAG 7084
DB      1 CATTCAAGAAATGCATGAG 20

RESULT 2672
US-09-422-978-6127/c
; Sequence 6127; Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Cohen, Daniel
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6127
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-9157 for SEQ 2193,
US-09-422-978-6127

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5702 GCCTTCCTTCTCTCTCTC 5721
DB      20 GTCATCCTTTTCTCATCTC 1

RESULT 2673
US-09-422-978-6243
; Sequence 6243; Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6243
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
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FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..20
OTHER INFORMATION: upstream amplification primer 99-10330 for SEQ 2309,
US-09-422-978-6243
```

```
Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      3212 AGAAGTGGGTGGAGGAGG 3231
Db      1 AGATGATGGGTAGGAGG 20
```

```
RESULT 2674
US-09-422-978-6329/c
Sequence 6329, Application US/09422978
```

```
PATENT No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
```

```
FILE REFERENCE: GENSER.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 6329
```

```
LENGTH: 20
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURES:
NAME/KEY: primer_bind
LOCATION: 1..20
OTHER INFORMATION: upstream amplification primer 99-1076 for SEQ 2395,
US-09-422-978-6329
```

```
Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      7301 GTTTCCTTGAGATTGTG 7320
Db      20 GTTTCATGTGAGATTGTG 1
```

```
RESULT 2675
US-09-422-978-8529
Sequence 8529, Application US/09422978
```

```
PATENT No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
```

```
FILE REFERENCE: GENSER.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 8529
```

```
LENGTH: 20
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURES:
NAME/KEY: primer_bind
LOCATION: 1..20
OTHER INFORMATION: downstream amplification primer 99-16202 for SEQ 664, in compleme
```

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US-09-422-978-8529
```

```
Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      1199 GCCAGAACAAAGCATACC 1218
Db      1 GTCATATACAAAGCATCCC 20
```

```
RESULT 2676
US-09-422-978-9857/c
Sequence 9857, Application US/09422978
```

```
PATENT No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
```

```
FILE REFERENCE: GENSER.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 9857
```

```
LENGTH: 20
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURES:
NAME/KEY: primer_bind
LOCATION: 1..20
OTHER INFORMATION: downstream amplification primer 99-7840 for SEQ 1992, in compleme
US-09-422-978-9857
```

```
Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      6785 CTATTGGCCTTCTAGCAG 6804
Db      20 CCAATTGTTCTTTAGCAG 1
```

```
RESULT 2677
US-09-422-978-10500/c
Sequence 10500, Application US/09422978
```

```
PATENT No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
```

```
FILE REFERENCE: GENSER.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
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/ EARLIER FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 10500
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..20
/ OTHER INFORMATION: downstream amplification primer 99-12393 for SEQ 2635, in complem
US-09-422-978-10500

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2860 GAGGAACAAGAGGAGGAGA 2879
DB      20  GAGGAACAAGAGGAGTGGAA 1

RESULT 2678
US-09-422-978-10511/c
/ Sequence 10511, Application US/09422978
/ Patent No. 6537751
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marla
/ APPLICANT: Chumakov, Ilya
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
/ FILE REFERENCE: GENSET.020CPI
/ CURRENT APPLICATION NUMBER: US/09/422,978
/ EARLIER FILING DATE: 1999-10-20
/ EARLIER APPLICATION NUMBER: US 60/109,732
/ EARLIER FILING DATE: 1998-11-23
/ EARLIER APPLICATION NUMBER: US 60/082,614
/ EARLIER FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 10511
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..20
/ OTHER INFORMATION: downstream amplification primer 99-12595 for SEQ 2646, in complem
US-09-422-978-10511

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5987 CAACCTGTGTGAAGTCAGGA 6006
DB      20  CTACTGTGTGAATCCAGAA 1

RESULT 2679
US-09-422-978-11697/c
/ Sequence 11697, Application US/09422978
/ Patent No. 6537751
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marla
/ APPLICANT: Chumakov, Ilya
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
/ FILE REFERENCE: GENSET.020CPI
/ CURRENT APPLICATION NUMBER: US/09/422,978
/ CURRENT FILING DATE: 1999-10-20
/ EARLIER APPLICATION NUMBER: US 09/298,850
/ EARLIER FILING DATE: 1999-04-21
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/ EARLIER APPLICATION NUMBER: US 60/109,732
/ EARLIER FILING DATE: 1998-11-23
/ EARLIER APPLICATION NUMBER: US 60/082,614
/ EARLIER FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 11697
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..20
/ OTHER INFORMATION: downstream amplification primer 99-253 for SEQ 3832, in complemen
US-09-422-978-11697

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3639 GGAGGTAGATGGGAGAGAA 3658
DB      20  GGAGGAAAATGCTGAGAGAA 1

RESULT 2680
US-08-894-454-72/c
/ Sequence 72, Application US/08894454
/ Patent No. 6544784
/ GENERAL INFORMATION:
/ APPLICANT: VAN DEN VEN, W.J.M.
/ APPLICANT: SCHOENMAKERS, H.F.P.M.
/ TITLE OF INVENTION: MULTIPLE-TUMOR ABERRENT GROWTH
/ TITLE OF INVENTION: GENES
/ NUMBER OF SEQUENCES: 164
/ CORRESPONDENCE ADDRESSES:
/ ADDRESSEE: The Webb Law Firm
/ STREET: 700 Koppers Building, 436 Seventh Avenue
/ CITY: Pittsburgh
/ STATE: PA
/ COUNTRY: USA
/ ZIP: 15219-1818
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: DOS
/ SOFTWARE: FastSeq for Windows Version 2.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/894,454
/ FILING DATE: 15-AUG-1997
/ CLASSIFICATION: 424
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: PCT/EP/00716
/ FILING DATE: 19-FEB-1996
/ APPLICATION NUMBER: 95200390.3
/ FILING DATE: 17-FEB-1995
/ APPLICATION NUMBER: 95201951.1
/ FILING DATE: 14-JUL-1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Johnson, Barbara E
/ REGISTRATION NUMBER: 31,198
/ REFERENCE/DOCKET NUMBER: 702-971100
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 412-471-8815
/ TELEFAX: 412-471-4094
/ TELEX:
/ INFORMATION FOR SEQ ID NO: 72:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
US-08-894-454-72
```

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3683 GCCAGAAAGCCACTATTTT 3702
DB 20 GCCACCATACCACTATTTT 1

RESULT 2681

US-09-060-299-240

; Sequence 240, Application US/09060299
; Patent No. 6545137

; GENERAL INFORMATION:

; APPLICANT: Todd, John A

; APPLICANT: Hesse, John W

; APPLICANT: Caskey, Charles T

; APPLICANT: Cox, Roger D

; APPLICANT: Gerhold, David

; APPLICANT: Hammond, Holly

; APPLICANT: Hey, Patricia

; APPLICANT: Kawaguchi, Yoshiniko

; APPLICANT: Merriman, Tony R

; APPLICANT: Metzker, Michael L

; TITLE OF INVENTION: No. 6545137el Receptor

; NUMBER OF SEQUENCES: 455

; CORRESPONDENCE ADDRESS:

; STREET: 1100 No. 6545137th Glebe Road, Eighth Floor

; CITY: Arlington

; STATE: Virginia

; COUNTRY: US

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/060,299

; FILING DATE: 15-APR-1998

; CLASSIFICATION: 435

; PRIORITY APPLICATION DATA:

; APPLICATION NUMBER: US 60/043,553

; FILING DATE: 15-APR-1997

; PRIORITY APPLICATION DATA:

; APPLICATION NUMBER: US 60/048,740

; FILING DATE: 05-JUN-1997

; ATTORNEY/AGENT INFORMATION:

; NAME: B.J. Sadoff

; REGISTRATION NUMBER: 36,663

; REFERENCE/DOCKET NUMBER: 620-35

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (703)816-4091

; TELEFAX: (703)816-4100

; INFORMATION FOR SEQ ID NO: 240:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; US-09-060-299-240

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5893 GCAGAGCAAGCAAGCTGT 5912
DB 1 GCAACAGCAAGCAAGCTGT 20

RESULT 2682
US-09-705-267A-57/c

; Sequence 57, Application US/09705267A

; Patent No. 6551826

; GENERAL INFORMATION:

; APPLICANT: Hong Zhang

; APPLICANT: Susan M. Freier

; APPLICANT: Andrew T. Watt

; TITLE OF INVENTION: ANTISENSE MODULATION OF RAID EXPRESSION

; FILE REFERENCE: RTS-0211

; CURRENT APPLICATION NUMBER: US/09/705,267A

; CURRENT FILING DATE: 2000-11-01

; NUMBER OF SEQ ID NOS: 177

; SEQ ID NO 57

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-705-267A-57

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5048 CCTACATTCCTTACACAGT 5067
DB 20 CCTAGATTCCTTACACAGT 1

RESULT 2683

US-09-705-267A-113/c

; Sequence 113, Application US/09705267A
; Patent No. 6551826

; GENERAL INFORMATION:

; APPLICANT: Hong Zhang

; APPLICANT: Susan M. Freier

; APPLICANT: Andrew T. Watt

; TITLE OF INVENTION: ANTISENSE MODULATION OF RAID EXPRESSION

; FILE REFERENCE: RTS-0211

; CURRENT APPLICATION NUMBER: US/09/705,267A

; CURRENT FILING DATE: 2000-11-01

; NUMBER OF SEQ ID NOS: 177

; SEQ ID NO 113

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-705-267A-113

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5768 TTGCTGCGCGCTGCTGC 5787
DB 20 TTGCTGAGCATCTGCTTC 1

RESULT 2684

US-09-402-923A-240

; Sequence 240, Application US/09402923A
; Patent No. 6555654

; GENERAL INFORMATION:

; APPLICANT: Todd, John A

; APPLICANT: Hesse, John W

; APPLICANT: Caskey, Charles T

; APPLICANT: Cox, Roger D

; APPLICANT: Gerhold, David

; APPLICANT: Hammond, Holly

; APPLICANT: Hey, Patricia

; APPLICANT: Kawaguchi, Yoshiniko

; APPLICANT: Merriman, Tony R

; APPLICANT: Metzker, Michael L

```

1 TITLE OF INVENTION: NO. 6555654e1 LDL-Receptor
2 NUMBER OF SEQUENCES: 455
3 CORRESPONDENCE ADDRESS:
4 ADDRESSEE: Nixon and Vanderhye
5 STREET: 1100 No. 6555654th Glebe Road, Eighth Floor
6 CITY: Arlington
7 STATE: Virginia
8 COUNTRY: US
9 ZIP: VA 22201-4714
10
11 COMPUTER READABLE FORM:
12 MEDIUM TYPE: Floppy disk
13 COMPUTER: IBM PC compatible
14 OPERATING SYSTEM: PC-DOS/MS-DOS
15 SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
16
17 CURRENT APPLICATION DATA:
18 APPLICATION NUMBER: US/09/402,923A
19 FILING DATE: 14-Feb-2001
20
21 PRIOR APPLICATION DATA:
22 APPLICATION NUMBER: PCT/GB98/01102
23 FILING DATE: 15-APR-1998
24 APPLICATION NUMBER: US 60/043,553
25 FILING DATE: 15-APR-1997
26 APPLICATION NUMBER: US 60/048,740
27 FILING DATE: 05-JUN-1997
28
29 ATTORNEY/AGENT INFORMATION:
30 NAME: B.J.Sadoff
31 REGISTRATION NUMBER: 36,663
32 REFERENCE/DOCKET NUMBER: 620-81
33 TELECOMMUNICATION INFORMATION:
34 TELEPHONE: (703) 816-4091
35 TELEFAX: (703) 816-4100
36
37 INFORMATION FOR SEQ ID NO: 240:
38 SEQUENCE CHARACTERISTICS:
39 LENGTH: 20 base pairs
40 TYPE: nucleic acid
41 STRANDEDNESS: single
42 TOPOLOGY: linear
43
44 SEQUENCE DESCRIPTION: SEQ ID NO: 240:
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Db      20 GGGCTTGGATCATGATG 1
|||||
RESULT 2686
US-09-198-452A-1681
; Sequence 1681, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffls, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 1681
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-1681

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No.2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Cy      7032 TAGGAAACCTCCAGGATTT 7051
|||||
Db      1 TGGGAAACCCACGAGGATTT 20
|||||

RESULT 2687
US-09-198-452A-1880/C
; Sequence 1880, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffls, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 1880
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-1880

Query Match      0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No.2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Cy      2820 AAAGCTTCCAGGCCGAGG 2839
|||||
Db      20 AAAGTATTCCTAGCCCGAGG 1
|||||

RESULT 2688
US-09-198-452A-2085
; Sequence 2085, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffls, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849

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SEQ ID NO 2085
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2085

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 978 CTTCCACGAGATCAAG 997
DB 1 CTTCCCATGATATCAGG 20

RESULT 2689
US-09-198-452A-2147
Sequence 2147, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Grifflais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 2147
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2147

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5003 AAGAACGATGAGGCTC 5022
DB 1 AAGAACGACGACGACGCC 20

RESULT 2690
US-09-198-452A-2339/c
Sequence 2339, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Grifflais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 2339
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2339

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6384 CCTAAGAGCTCTAATGCC 6403
DB 20 CCTAAGAGCTCTAAGACC 1

RESULT 2691
US-09-198-452A-2492

Sequence 2492, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Grifflais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 2492
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2492

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1542 GATTGAGATCAAGTCTGG 1561
DB 1 GATCGAGATCAAGACTCGG 20

RESULT 2692
US-09-198-452A-2493/c
Sequence 2493, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Grifflais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 2493
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2493

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2850 CCCGAATCCAGAGAGCTAA 2869
DB 20 CCCGAATCCAGAGAGCTAA 1

RESULT 2693
US-09-198-452A-2599/c
Sequence 2599, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Grifflais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 2599
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2599

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Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4764 CTGGCCTGTAGATGAGAC 4783
DB      20 CCGTCAGTAGAGTTGAAAC 1

RESULT 2694
US-09-198-452A-3426
; Sequence 3426, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffaids, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3426
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-3426

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6406 CCTGCTAGATGACTTCTCTG 6425
DB      1 CCGCTAGGAGAGCTGCGCTG 20

RESULT 2695
US-09-198-452A-3526/C
; Sequence 3526, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffaids, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3526
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-3526

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4426 TGGTTTCCCACTAGGCGCATG 4445
DB      20 TAGTTCCCACTAGCCCTTG 1

RESULT 2696
US-09-198-452A-4058
; Sequence 4058, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffaids, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
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; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4058
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4058

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      921 GGACATCAGAACTAGATG 940
DB      1 GGGCTTCTGATCATGATG 20

RESULT 2697
US-09-198-452A-4627
; Sequence 4627, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffaids, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4627
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4627

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4631 GTTGCACTTCACTGTGGAA 4650
DB      1 GATCAACTTCAGAGTGCAG 20

RESULT 2698
US-09-198-452A-4655
; Sequence 4655, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffaids, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4655
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4655

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1785 GCCGTGTAGCTGAGTGGA 1804
DB      1 GGGCTTCTGATCATGATG 20
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Db 1 GTGCGTGTTCGATGACA 20

RESULT 2699

US-09-198-452A-4703
; Sequence 4703, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Grifflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4703
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4703

Query Match

Best Local Similarity 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4590 GACTGTCATTTTTCCTG 4609

Db 1 GACTTCTCGTTTGTGCTG 20

RESULT 2700

US-09-198-452A-4705
; Sequence 4705, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Grifflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4705
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4705

Query Match

Best Local Similarity 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4590 GACTGTCATTTTTCCTG 4609

Db 1 GACTTCTCGTTTGTGCTG 20

RESULT 2701

US-09-198-452A-4710
; Sequence 4710, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Grifflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4710

LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4710

Query Match

Best Local Similarity 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4590 GACTGTCATTTTTCCTG 4609

Db 1 GACTTCTCGTTTGTGCTG 20

RESULT 2702

US-09-198-452A-4715
; Sequence 4715, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Grifflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4715
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4715

Query Match

Best Local Similarity 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1632 GAAGATTCACAGATCGG 1651

Db 1 GAAGTCTACAGAGATGG 20

RESULT 2703

US-09-198-452A-4808/c
; Sequence 4808, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Grifflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4808
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4808

Query Match

Best Local Similarity 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3582 GCTGCAACTGCAACCTT 3601

Db 20 GCTGCGTACTCAACATTT 1

RESULT 2704

US-09-198-452A-5028
; Sequence 5028, Application US/09198452A

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/ Patent No. 6559294
/ GENERAL INFORMATION:
/ APPLICANT: Griffiths, R.
/ TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
/ TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
/ TITLE OF INVENTION: and treatment of infection
/ FILE REFERENCE: 9710-003-999
/ CURRENT APPLICATION NUMBER: US/09/198,452A
/ CURRENT FILING DATE: 1998-11-24
/ NUMBER OF SEQ ID NOS: 6849
/ SEQ ID NO 5028
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5028

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      7242 GTCGACGATGATGGGAAA 7261
DB      1 GTCGAGCATGCTGCTGAGGAAA 20

RESULT 2705
US-09-198-452A-5038
/ Sequence 5038, Application US/09198452A
/ Patent No. 6559294
/ GENERAL INFORMATION:
/ APPLICANT: Griffiths, R.
/ TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
/ TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
/ TITLE OF INVENTION: and treatment of infection
/ FILE REFERENCE: 9710-003-999
/ CURRENT APPLICATION NUMBER: US/09/198,452A
/ CURRENT FILING DATE: 1998-11-24
/ NUMBER OF SEQ ID NOS: 6849
/ SEQ ID NO 5038
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5038

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4622 GATGGGAGTTCGAACCTTC 4641
DB      1 GGAAGGAGATTGCAACTCC 20

RESULT 2706
US-09-198-452A-5266/C
/ Sequence 5266, Application US/09198452A
/ Patent No. 6559294
/ GENERAL INFORMATION:
/ APPLICANT: Griffiths, R.
/ TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
/ TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
/ TITLE OF INVENTION: and treatment of infection
/ FILE REFERENCE: 9710-003-999
/ CURRENT APPLICATION NUMBER: US/09/198,452A
/ CURRENT FILING DATE: 1998-11-24
/ NUMBER OF SEQ ID NOS: 6849
/ SEQ ID NO 5266
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5266

Query Match          0.2%; Score 13.6; DB 1; Length 20;
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Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3935 TCTCCCTTGATGATGCAAGTTC 3954
DB      20 TCTAACCTGACGCTCAAGTTC 1

RESULT 2707
US-09-198-452A-5520/C
/ Sequence 5520, Application US/09198452A
/ Patent No. 6559294
/ GENERAL INFORMATION:
/ APPLICANT: Griffiths, R.
/ TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
/ TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
/ TITLE OF INVENTION: and treatment of infection
/ FILE REFERENCE: 9710-003-999
/ CURRENT APPLICATION NUMBER: US/09/198,452A
/ CURRENT FILING DATE: 1998-11-24
/ NUMBER OF SEQ ID NOS: 6849
/ SEQ ID NO 5520
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5520

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4906 CATTTGAGGAAGCATCAG 4925
DB      20 CATGTGCGAGCAAGCTTCAG 1

RESULT 2708
US-09-198-452A-5527/C
/ Sequence 5527, Application US/09198452A
/ Patent No. 6559294
/ GENERAL INFORMATION:
/ APPLICANT: Griffiths, R.
/ TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
/ TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
/ TITLE OF INVENTION: and treatment of infection
/ FILE REFERENCE: 9710-003-999
/ CURRENT APPLICATION NUMBER: US/09/198,452A
/ CURRENT FILING DATE: 1998-11-24
/ NUMBER OF SEQ ID NOS: 6849
/ SEQ ID NO 5527
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5527

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4652 TTCCCTTTGAGAGCCTGG 4671
DB      20 TTCCCTTTGAGAGCCTGG 1

RESULT 2709
US-09-198-452A-5586/C
/ Sequence 5586, Application US/09198452A
/ Patent No. 6559294
/ GENERAL INFORMATION:
/ APPLICANT: Griffiths, R.
/ TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
/ TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
/ TITLE OF INVENTION: and treatment of infection
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; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5586
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5586

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5348 CCAAGTGGTTTTCAGCTGGG 5367
DB      20 CCAAGTGGTTTTCAGAGTGTG 1

RESULT 2710
US-09-198-452A-5695/c
; Sequence 5695, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5695
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5695

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6795 TTCTAGCAGATTGGGAGG 6814
DB      20 TTCTAGAGAGGTTGGGAGC 1

RESULT 2711
US-09-198-452A-5857
; Sequence 5857, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5857
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5857

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2032 CCTTCTATCAGCAGCTGT 2051
DB      1 CCTTCTATCAGCAGGCTT 20
```

```

RESULT 2712
US-09-198-452A-6061/c
; Sequence 6061, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6061
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-6061

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1026 ACAGATGAAGAGGAACTACC 1045
DB      20 ACTGTAGAGAGGAACTGCC 1

RESULT 2713
US-09-198-452A-6585
; Sequence 6585, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6585
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-6585

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4575 CTGCCCTTTTCTCTGACTG 4594
DB      1 CTCCCAAGTTCTCTGATTG 20

RESULT 2714
US-09-198-452A-6610
; Sequence 6610, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6610
; LENGTH: 20
```

TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-09-198-452A-6610

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4333 CTTTGCGTCATCCTAGATTG 4352
DB 1 CTTTGCGTCATCCTAGATTG 20

RESULT 2715
US-09-198-452A-6752/C
Sequence 6752, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Griffiths, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 6752
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-09-198-452A-6752

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5192 CCACCTTGATCATTTTGGG 5211
DB 20 CCCCTTGATCATGTGGG 1

RESULT 2716
US-09-582-337-3/C
Sequence 3, Application US/09582337
Patent No. 6562618
GENERAL INFORMATION:
APPLICANT: Japan Tobacco, Inc.
TITLE OF INVENTION: Monoclonal Antibody Against Connective Tissue Growth Factor
FILE REFERENCE: J1-009PCT
CURRENT APPLICATION NUMBER: US/09/582,337
CURRENT FILING DATE: 2000-06-23
PRIOR APPLICATION NUMBER: JP P1997-367699
PRIOR FILING DATE: 1997-12-25
PRIOR APPLICATION NUMBER: JP P1998-356183
PRIOR FILING DATE: 1998-12-15
NUMBER OF SEQ ID NOS: 27
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 3
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Artificially
NAME/KEY: primer bind
LOCATION: (1)..(20)
US-09-582-337-3

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 7413 CAGACGACGACGACGACGA 7432
DB 20 CAGACGCGGACGACGCGCA 1

RESULT 2717
US-09-909-595-62/C
Sequence 62, Application US/09909595
Patent No. 6586245
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Brenda F. Baker
APPLICANT: Jacqueline Wyatt
APPLICANT: Scott E. Davis
TITLE OF INVENTION: ANTISENSE MODULATION OF CD40 LIGAND EXPRESSION
FILE REFERENCE: RTS-0223
CURRENT APPLICATION NUMBER: US/09/909,595
CURRENT FILING DATE: 2001-07-18
NUMBER OF SEQ ID NOS: 91
SEQ ID NO 62
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-909-595-62

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5327 TCTCTCTTGCTCACTCTC 5346
DB 20 TCTCTCTCATCTCTCTC 1

RESULT 2718
US-09-954-594A-5
Sequence 5, Application US/09954594A
Patent No. 6589742
GENERAL INFORMATION:
APPLICANT: Nerenberg, Michael I.
APPLICANT: Westin, Lorelei P.
APPLICANT: Edman, Carl F.
APPLICANT: Carrino, John
TITLE OF INVENTION: MULTIPLEX AMPLIFICATION AND SEPARATION OF NUCLEIC ACID SEQUENCES ON A BIOELECTRONIC MICROCHIP USING ASYMMETRIC
FILE REFERENCE: 241/109
CURRENT APPLICATION NUMBER: US/09/954,594A
CURRENT FILING DATE: 2001-09-17
PRIOR APPLICATION NUMBER: 09/290,452
PRIOR FILING DATE: 1999-04-12
NUMBER OF SEQ ID NOS: 62
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 5
LENGTH: 20
TYPE: DNA
ORGANISM: human
US-09-954-594A-5

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 335 ATTACTTGGAGTGGACATC 354
DB 1 ACTACAGTACGTGACATC 20

RESULT 2719
US-09-954-594A-22
Sequence 22, Application US/09954594A

```
/ Patent No. 6589742
/ GENERAL INFORMATION:
/ APPLICANT: Nerenberg, Michael I.
/ APPLICANT: Weerlin, Lorelei P.
/ APPLICANT: Edman, Carl F.
/ APPLICANT: Carrino, John
/ TITLE OF INVENTION: MULTIPLEX AMPLIFICATION AND SEPARATION OF NUCLEIC ACID
/ TITLE OF INVENTION: SEQUENCES ON A BIOELECTRONIC MICROCHIP USING ASYMMETRIC
/ TITLE OF INVENTION: STRUCTURES
/ FILE REFERENCE: 241/109
/ CURRENT APPLICATION NUMBER: US/09/954,594A
/ CURRENT FILING DATE: 2001-09-17
/ PRIOR APPLICATION NUMBER: 09/290,452
/ PRIOR FILING DATE: 1999-04-12
/ NUMBER OF SEQ ID NOS: 62
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 22
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: human
/ US-09-954-594A-22

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      335 ATTACTTTGAGTGACATC 354
Db      1 ACTACAGTGCAGTGACATC 20

RESULT 2720
US-09-081-385-63/c
/ Sequence 63, Application US/09081385
/ Patent No. 6593456
/ GENERAL INFORMATION:
/ APPLICANT: Gatnaga, T.
/ APPLICANT: Granger, G.A.
/ TITLE OF INVENTION: Factors Altering Tumor Necrosis
/ TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods
/ TITLE OF INVENTION: of Use Thereof
/ NUMBER OF SEQUENCES: 154
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: MORRISON & FOERSTER
/ STREET: 755 PAGE MILL ROAD
/ CITY: Palo Alto
/ STATE: CA
/ COUNTRY: USA
/ ZIP: 94304-1018
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: Windows
/ SOFTWARE: FastSeq for Windows Version 2.0b
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/081,385
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/964,747
/ FILING DATE: 05-NOV-1997
/ APPLICATION NUMBER: 60/030,761
/ FILING DATE: 06-NOV-1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Wu, Frank
/ REGISTRATION NUMBER: 41,386
/ REFERENCE/DOCKET NUMBER: 22000-20577, 21
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 650-813-5600
/ TELEFAX: 650-494-0792
/ FAX: 706141
/ INFORMATION FOR SEQ ID NO: 63:
/ SEQUENCE CHARACTERISTICS:
```

```
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-09-081-385-63

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2409 CACAGTGACACCAACATCA 2428
Db      20 CACATTGCTCACCAAGACCA 1

RESULT 2721
US-09-136-159A-5/c
/ Sequence 5, Application US/09136159A
/ Patent No. 6596279
/ GENERAL INFORMATION:
/ APPLICANT: Virogenetics Corporation
/ APPLICANT: Paoletti, Enzo
/ APPLICANT: Tartaglia, James
/ APPLICANT: Cox, William I
/ TITLE OF INVENTION: Immunodeficiency recombinant poxvirus
/ FILE REFERENCE: 454310-2690.1
/ CURRENT APPLICATION NUMBER: US/09/136,159A
/ CURRENT FILING DATE: 1998-08-14
/ PRIOR APPLICATION NUMBER: US 08/417,210
/ PRIOR FILING DATE: 1995-04-05
/ PRIOR APPLICATION NUMBER: US 08/223,842
/ PRIOR FILING DATE: 1994-04-06
/ PRIOR APPLICATION NUMBER: US 07/897,382
/ PRIOR FILING DATE: 1992-06-11
/ PRIOR APPLICATION NUMBER: US 07/715,921
/ PRIOR FILING DATE: 1991-06-14
/ PRIOR APPLICATION NUMBER: US 08/105,483
/ PRIOR FILING DATE: 1993-08-12
/ PRIOR APPLICATION NUMBER: US 07/847,951
/ PRIOR FILING DATE: 1992-03-06
/ PRIOR APPLICATION NUMBER: US 07/713,967
/ PRIOR FILING DATE: 1991-06-11
/ PRIOR APPLICATION NUMBER: US 07/666,056
/ PRIOR FILING DATE: 1991-03-07
/ NUMBER OF SEQ ID NOS: 149
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 5
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Complementary 20mer oligonucleotide referred to as MFSYN47
/ US-09-136-159A-5

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6425 GTGACCTCTATTAGCTAA 6444
Db      20 GCGGCCCTTATTACTTAA 1

RESULT 2722
US-09-823-634A-8
/ Sequence 8, Application US/09823634A
/ Patent No. 6596489
/ GENERAL INFORMATION:
/ APPLICANT: Applied Gene Technologies, Inc.
/ APPLICANT: Datsagurpa, Nanbhushan
/ TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANALYZING NUCLEOTIDE SEQUENCE
/ TITLE OF INVENTION: MISMATCHES USING RNASE H
/ FILE REFERENCE: 47541-20006.00
```

```

? CURRENT APPLICATION NUMBER: US/09/823,634A
? CURRENT FILING DATE: 2002-02-28
? NUMBER OF SEQ ID NOS: 27
? SOFTWARE: FASTSEQ for Windows Version 4.0
? SEQ ID NO: 8
? LENGTH: 20
? TYPE: DNA
? ORGANISM: Artificial Sequence
? FEATURE:
? OTHER INFORMATION: Oligonucleotide AGT02008B
?-US-09-823-634A-8

```

Query Match	0.2%	Score 13.6;	DB 1;	Length 20;
Best Local Similarity	80.0%;	Pred. No. 2.3e+03;		
Matches 16;	Conservative 0;	Mismatches 4;	Indels 0;	Gaps 0

```
QY      4464 TTTTYYYYTTTTTTTTTTTTTT 4483
          ||||| | ||||| |
Db       1 TTTTAAAAATTTTTTTTTT 20
```

```

RESULT 2723
US-09-823-634A-9
: Sequence 9, Application US/09823634A
: Patent No. 6596489
: GENERAL INFORMATION:
: APPLICANT: Applied Gene Technologies, Inc.
: APPLICANT: Datagapta, Nanibustan
: TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANALYZING NUCLEOTIDE SEQUENCE
: TITLE OF INVENTION: MISMATCHES USING RNASE H
: FILE REFERENCE: 47541-20006.00
: CURRENT APPLICATION NUMBER: US/09/823,634A
: CURRENT FILING DATE: 2002-02-28
: NUMBER OF SEQ ID NOS: 27
: SOFTWARE: FastSeq for Windows Version 4.0
: SEQ ID NO 9
: LENGTH: 20
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURES:
: OTHER INFORMATION: Oligonucleotide ACT02012
US-09-823-634A-9

```

		0.2%;	Score 13.6;	DB 1;	Length 20;
Query Match		80.0%;	Pred. No. 2.3e+03;		
Best Local Similarity		0;	Mismatches 4;	Indels 0;	Gaps 0
Matches 16; Conservative					
Qy	4464 TTTTTTTTTTTTTTTTTT	4483			
Db	1 TTTTTTTAAATTTTTTTTT	20			

```

RESULT 2724
US-09-823-634A-10
: Sequence 10, Application US/09823634A
: Patent No. 6596489
: GENERAL INFORMATION:
: APPLICANT: Applied Gene Technologies, Inc.
: APPLICANT: Datagupta, Nambhusan
: TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANALYZING NUCLEOTIDE SEQUENCE
: TITLE OF INVENTION: MISMATCHES USING RNASE H
: FILE REFERENCE: 47541-20006.00
: CURRENT APPLICATION NUMBER: US/09/823,634A
: CURRENT FILING DATE: 2002-02-28
: NUMBER OF SEQ ID NOS: 27
: SOFTWARE: FaastSeq for Windows Version 4.0
: SEQ ID NO 10
: LENGTH: 20
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Oligonucleotide AGT02013
: US-09-823-634A-10

```

Query Match	0.2%	Score 13.6;	DB 1;	Length 20;
Best Local Similarity	80.0%	Pred. No.2.3e+03;		
Matches 16;	Conservative 0;	Mismatches 4;	Indels 0;	Gaps 0;
Qy	4464	TTTTTTTTTTTTTTTTTTTT	4463	
Db	1	TTTTTTTAAATTTTTTTT	20	

RESULT 2725
US-09-823-634A-11

```

? Patent No. 6596489
? GENERAL INFORMATION:
? APPLICANT: Applied Gene Technologies, Inc.
? APPLICANT: Dattagupta, Nanibubshan
? TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANALYZING NUCLEOTIDE SEQUENCE
? TITLE OF INVENTION: MISMATCHES USING RNASE H
? FILE REFERENCE: 47541-20006.00
? CURRENT APPLICATION NUMBER: US/09/823,634A
? CURRENT FILING DATE: 2002-02-28
? NUMBER OF SEQ ID NOS: 27
? SOFTWARE: FastSeq for Windows Version 4.0
? SEQ ID NO 11
? LENGTH: 20
? TYPE: DNA
? ORGANISM: Artificial Sequence
? FEATURE:
? OTHER INFORMATION: Oligonucleotide AGT02014
? US-09-823-634A-11

```

Query Match	0.2%;	Score 13.6;	DB 1;	Length 20;
Best Local Similarity	80.0%;	Pred. No. 2.3e+03;		
Matches	16;	Conservative	0;	Mismatches 4;
				Indels 0;
				Gaps 0;
QY	4464	TTTTTTTTTTTTTTTTTTTT	4463	
Db	1	TTTTTTTTAAAAATTTTTTTT	20	

```

RESULT 2726
US-09-823-634A-12/c
; Sequence 12, Application US/09823634A
; Patent No. 6596489
; GENERAL INFORMATION:
; APPLICANT: Applied Gene Technologies, Inc.
; APPLICANT: Dattagupta, Nambhushan
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANALYZING NUCLEOTIDE SEQUENCE
; TITLE OF INVENTION: MISMATCHES USING RNASE H
; FILE REFERENCE: 47541-20006.00
; CURRENT APPLICATION NUMBER: US/09/823,634A
; CURRENT FILING DATE: 2002-02-28
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Complement DNA oligo AGT02009
US-09-823-634A-12

```

Query Match	0.2%	Score 13.6	DB 1	Length 20
Best Local Similarity	80.0%	Pred. No. 2.3e+03		
Matches	16	Conservative	0	Mismatches 4
				Indels 0
				Gaps 0
Oy	4464	TTTTTTTTTTTTTTTTTTTT	4463	
Db	20	TTTTTTTTAAAAATTTTTTT	1	

RESULT 2727

```
US-09-823-634A-13/c
; Sequence 13, Application US/09823634A
; Patent No. 6596489
; GENERAL INFORMATION:
; APPLICANT: Applied Gene Technologies, Inc.
; APPLICANT: Dattagupta, Nanibhusan
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANALYZING NUCLEOTIDE SEQUENCE
; FILE REFERENCE: 47541-20006.00
; CURRENT APPLICATION NUMBER: US/09/823,634A
; CURRENT FILING DATE: 2002-02-28
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligo AGT02020
US-09-823-634A-13
```

```
Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred.No.2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
OY 4464 TTTTTCACATTTT 4483
DB 20 TTTTTCACATTTT 1
```

```
RESULT 2728
US-09-823-634A-14/c
; Sequence 14, Application US/09823634A
; Patent No. 6596489
; GENERAL INFORMATION:
; APPLICANT: Applied Gene Technologies, Inc.
; APPLICANT: Dattagupta, Nanibhusan
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANALYZING NUCLEOTIDE SEQUENCE
; FILE REFERENCE: 47541-20006.00
; CURRENT APPLICATION NUMBER: US/09/823,634A
; CURRENT FILING DATE: 2002-02-28
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligo AGT02021
US-09-823-634A-14
```

```
Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred.No.2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
OY 4464 TTTTTCACATTTT 4483
DB 20 TTTTTCACATTTT 1
```

```
RESULT 2729
US-09-823-634A-15/c
; Sequence 15, Application US/09823634A
; Patent No. 6596489
; GENERAL INFORMATION:
; APPLICANT: Applied Gene Technologies, Inc.
; APPLICANT: Dattagupta, Nanibhusan
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANALYZING NUCLEOTIDE SEQUENCE
; FILE REFERENCE: 47541-20006.00
; CURRENT APPLICATION NUMBER: US/09/823,634A
; CURRENT FILING DATE: 2002-02-28
```

```
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligo AGT02022
US-09-823-634A-15
```

```
Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred.No.2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
OY 4464 TTTTTCACATTTT 4483
DB 20 TTTTTCACATTTT 1
```

```
RESULT 2730
US-09-823-634A-16/c
; Sequence 16, Application US/09823634A
; Patent No. 6596489
; GENERAL INFORMATION:
; APPLICANT: Applied Gene Technologies, Inc.
; APPLICANT: Dattagupta, Nanibhusan
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANALYZING NUCLEOTIDE SEQUENCE
; FILE REFERENCE: 47541-20006.00
; CURRENT APPLICATION NUMBER: US/09/823,634A
; CURRENT FILING DATE: 2002-02-28
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligo AGT02023
US-09-823-634A-16
```

```
Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred.No.2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
OY 4464 TTTTTCACATTTT 4483
DB 20 TTTTTCACATTTT 1
```

```
RESULT 2731
US-09-823-634A-17/c
; Sequence 17, Application US/09823634A
; Patent No. 6596489
; GENERAL INFORMATION:
; APPLICANT: Applied Gene Technologies, Inc.
; APPLICANT: Dattagupta, Nanibhusan
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANALYZING NUCLEOTIDE SEQUENCE
; FILE REFERENCE: 47541-20006.00
; CURRENT APPLICATION NUMBER: US/09/823,634A
; CURRENT FILING DATE: 2002-02-28
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligo AGT02024
US-09-823-634A-17
```

```
Query Match          0.2%; Score 13.6; DB 1; Length 20;
```



```

RESULT 2740
US-09-823-647B-16/c
? Sequence 16, Application US/09823647B
? Patent No. 6596490
? GENERAL INFORMATION:
? APPLICANT: Applied Gene Technologies, Inc.
? APPLICANT: Datagapta, Nandhubhan
? TITLE OF INVENTION: NICOTIC ACID HAIRPIN PROBS AND USES
? TITLE OF INVENTION: THIEROPF
? FILE REFERENCE: 47541-20004.20
? CURRENT APPLICATION NUMBER: US/09/823.647B
? CURRENT FILING DATE: 2002-05-07
? PRIOR APPLICATION NUMBER: US 09/616,761
? PRIOR FILING DATE: 2000-07-14
? NUMBER OF SEQ ID NOS: 27
? SOFTWARE: FastSeq for Windows Version 4.0
? SEQ ID NO 16
? LENGTH: 20
? TYPE: DNA
? ..ORGANISM: Artificial Sequence

```

FEATURE:
OTHER INFORMATION: Oligo AGT02023
US-09-823-647B-16

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4483
DB 20 TTTT TTTT CACAT TTTT TTTT 1

RESULT 2741
US-09-823-647B-17/C
Sequence 17, Application US/09823647B
Patent No. 6596490
GENERAL INFORMATION:
APPLICANT: Applied Gene Technologies, Inc.
APPLICANT: Datasugpta, Nanibhushan
TITLE OF INVENTION: NUCLEIC ACID HAIRPIN PROBES AND USES
TITLE OF INVENTION: THEREOF
FILE REFERENCE: 47541-20004.20
CURRENT APPLICATION NUMBER: US/09/823,647B
CURRENT FILING DATE: 2002-05-07
PRIOR APPLICATION NUMBER: US 09/616,761
PRIOR FILING DATE: 2000-07-14
NUMBER OF SEQ ID NOS: 27
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 17
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligo AGT02024
US-09-823-647B-17

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4464 TTTT TTTT TTTT TTTT TTTT 4483
DB 20 TTTT TTTT AGAAT TTTT TTTT 1

RESULT 2742
US-09-825-497A-29
Sequence 29, Application US/09825497A
Patent No. 6599742
GENERAL INFORMATION:
APPLICANT: Honkanen, Richard E.
APPLICANT: Dean, Nicholas M.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF HUMAN SERINE/THREONINE PRO
FILE REFERENCE: ISPH-0572
CURRENT APPLICATION NUMBER: US/09/825,497A
CURRENT FILING DATE: 2001-04-06
NUMBER OF SEQ ID NOS: 42
SOFTWARE: PatentIn version 3.1
SEQ ID NO 29
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-825-497A-29

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5883 CTCCTTGACTGCAGAAACC 5902

DB 1 CTTCCATGACAGCATATATC 20

RESULT 2743
US-10-072-094-72
Sequence 72, Application US/10072094
Patent No. 6600351
GENERAL INFORMATION:
APPLICANT: JACKSON, DONALD
APPLICANT: LORENZI, MATTHEW
APPLICANT: ATTAR, RICARDO
APPLICANT: GOTTARDIS, MARCO
TITLE OF INVENTION: NOVEL HUMAN HISTONE PEPTIDES
FILE REFERENCE: 3053-4145US1
CURRENT APPLICATION NUMBER: US/10/072,094
CURRENT FILING DATE: 2002-06-14
PRIOR APPLICATION NUMBER: 60/298,296
PRIOR FILING DATE: 2001-06-14
NUMBER OF SEQ ID NOS: 127
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 72
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-072-094-72

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 497 AGAAGACATTTCACGTTC 516
DB 1 AGAAGGCATTTCACAGGC 20

RESULT 2744
US-09-780-045-24/C
Sequence 24, Application US/09780045
Patent No. 6602713
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT B
FILE REFERENCE: RTS-0130
CURRENT APPLICATION NUMBER: US/09/780,045
CURRENT FILING DATE: 2001-02-09
NUMBER OF SEQ ID NOS: 135
SEQ ID NO 24
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-780-045-24

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 89 GCCGGGCTTGTTAGGGGAGC 108
DB 20 GCTGGGCTTGCGGGGGGCGC 1

RESULT 2745
US-09-689-065B-10
Sequence 10, Application US/09689065B
Patent No. 6605696
GENERAL INFORMATION:

```
/ APPLICANT: Pfizer Products, Inc.
/ TITLE OF INVENTION: LAWSONIA INTRACELLULARIS PROTEINS AND RELATED METHODS AND
/ FILE OF INVENTION: MATERIALS
/ FILE REFERENCE: 3153.00187/PC10589A
/ CURRENT APPLICATION NUMBER: US/09/689,065B
/ CURRENT FILING DATE: 2000-10-12
/ PRIOR APPLICATION NUMBER: US Prov. 60/160,922
/ PRIOR FILING DATE: 1999-10-22
/ PRIOR APPLICATION NUMBER: US Prov. 60/163,858
/ PRIOR FILING DATE: 1999-11-05
/ NUMBER OF SEQ ID NOS: 112
/ SOFTWARE: Patentin version 3.2
/ SEQ ID NO 10
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Lawsonia intracellularis
US-09-689-065B-10

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1552 AAAGCTGGCCATCGCCTG 1571
DB      1 AGAGCTGGCCCACTCCAG 20

RESULT 2746
US-08-944-410-7
/ Sequence 7, Application US/08944410
/ Patent No. 6607878
/ GENERAL INFORMATION:
/ APPLICANT: Sorse, Joseph A.
/ TITLE OF INVENTION: COLLECTIONS OF UNIQUELY TAGGED MOLECULES
/ FILE REFERENCE: 04121.0018-00000
/ CURRENT APPLICATION NUMBER: US/08/944,410
/ CURRENT FILING DATE: 1997-10-06
/ NUMBER OF SEQ ID NOS: 113
/ SOFTWARE: Patentin version 3.1
/ SEQ ID NO 7
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial
/ FEATURE:
/ OTHER INFORMATION: Synthetic primer
US-08-944-410-7

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5774 GCCGCGCTGCTGCTGCTGCT 5793
DB      1 GCCAACCGACGCGCTGCTGCT 20

RESULT 2747
US-09-526-193A-79/c
/ Sequence 79, Application US/09526193A
/ Patent No. 6617122
/ GENERAL INFORMATION:
/ APPLICANT: Hayden, Michael R.
/ APPLICANT: Brooks-Wilson, Angela R.
/ APPLICANT: Pimstone, Simon N.
/ TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING
/ FILE OF INVENTION: CHOLESTEROL LEVELS
/ FILE REFERENCE: 50110/002005
/ CURRENT APPLICATION NUMBER: US/09/526,193A
/ CURRENT FILING DATE: 2000-03-15
/ PRIOR APPLICATION NUMBER: 60/124,702
/ PRIOR FILING DATE: 1999-03-15
/ PRIOR APPLICATION NUMBER: 60/138,048
/ PRIOR FILING DATE: 1999-06-08
```

```
/ PRIOR APPLICATION NUMBER: 60/139,600
/ PRIOR FILING DATE: 1999-06-17
/ PRIOR APPLICATION NUMBER: 60/151,977
/ PRIOR FILING DATE: 1999-09-01
/ NUMBER OF SEQ ID NOS: 287
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 79
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-526-193A-79

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2330 AGAAGCCATCACACCCG 2349
DB      20 AGATACCATCACACGAGC 1

RESULT 2748
US-09-434-840-16
/ Sequence 16, Application US/09434840
/ Patent No. 6620985
/ GENERAL INFORMATION:
/ APPLICANT: Glazedbrook, Jane
/ APPLICANT: Jirage, Dayadevi
/ APPLICANT: Tootle, Tina L
/ APPLICANT: Zhou, Nan
/ APPLICANT: Fays, Bart
/ TITLE OF INVENTION: PAD4 COMPOSITIONS AND METHODS THEREFOR
/ FILE REFERENCE: 043503.0009
/ CURRENT APPLICATION NUMBER: US/09/434,840
/ CURRENT FILING DATE: 1999-11-04
/ EARLIER APPLICATION NUMBER: 09/190,733
/ EARLIER FILING DATE: 1998-11-12
/ NUMBER OF SEQ ID NOS: 85
/ SOFTWARE: Patentin Ver. 2.0
/ SEQ ID NO 16
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: primer PAD4.26
US-09-434-840-16

Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5313 GTGTTCTCTCTCTCTCTCTCTC 5332
DB      1 GGCTCTCTCATATCTCTC 20

RESULT 2749
US-08-754-311B-8/c
/ Sequence 8, Application US/08754311B
/ Patent No. 6623937
/ GENERAL INFORMATION:
/ APPLICANT: Bonini, Nancy M.
/ APPLICANT: Leliseon, William M.
/ APPLICANT: Benzer, Seymour
/ TITLE OF INVENTION: PROGRAMMED CELL DEATH ANTAGONIST
/ TITLE OF INVENTION: PROTEINS
/ NUMBER OF SEQUENCES: 8
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: Flehr, Hobbach, Teet, Albritton & Herbert
/ STREET: 4 Embarcadero Center, Suite 3400
/ CITY: San Francisco
/ STATE: California
/ COUNTRY: United States
```

ZIP: 94111-4187
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/754,311B
FILING DATE: 21-NOV-1996
CLASSIFICATION: 435
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 06/195,152
FILING DATE: 14-FEB-1994
ATTORNEY/AGENT INFORMATION:
NAME: Treccartin, Richard F.
REGISTRATION NUMBER: 31,801
REFERENCE/DOCKET NUMBER: A-59551/RFT/RMS
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
TELEX: 910 277299
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: unknown
US-08-754-311B-8

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 6895 CTCCTCCCTACTCTACTCAT 6914
Db 20 CTCCTCCCTATGCACTCCT 1

RESULT 2750
US-09-916-963-5/c
Sequence 5, Application US/09/16963
Patent No. 6632438
GENERAL INFORMATION:
APPLICANT: Paolietti, Enzo
Pincus, Steven E.
Cox, William I.
Kaufman, Elizabeth K.
TITLE OF INVENTION: RECOMBINANT POXVIRUS - CYTOMEGALOVIRUS,
COMPOSITIONS AND USES
NUMBER OF SEQUENCES: 176
CORRESPONDENCE ADDRESS:
ADDRESSEE: Curtis, Morris & Safford
STREET: 530 Fifth Avenue
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/916,963
FILING DATE: 26-Jul-2001
CLASSIFICATION: <Unknown>
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US/08/471,014
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Frommer Bq., William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2720

TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-3333
TELEFAX: (212) 840-0712
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-916-963-5

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 6425 GTGGCTCTCTATTGCTAA 6444
Db 20 GCGGCGCTATTACTTAA 1

RESULT 2751
US-09-664-846A-2/c
Sequence 2, Application US/09/664846A
Patent No. 6639122
GENERAL INFORMATION:
APPLICANT: Tu, Chin-Fu
APPLICANT: Tsui, Kimyoshi
APPLICANT: Lee, Jang-Ming
APPLICANT: Lee, Chun-Jean
TITLE OF INVENTION: Transgenic Swine Having HLA-D Gene, Swine Cells Thereof and Xenog
FILE REFERENCE: P1199
CURRENT APPLICATION NUMBER: US/09/664,846A
CURRENT FILING DATE: 2000-09-19
NUMBER OF SEQ ID NOS: 8
SOFTWARE: Patentin version 3.1
SEQ ID NO 2
LENGTH: 20
TYPE: DNA
ORGANISM: Transgenic Swine Cell DNA
US-09-664-846A-2

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1610 AGAATTGACAGACGCTG 1629
Db 20 AGAGCTTCACAGTGCAGCG 1

RESULT 2752
US-09-860-473-161
Sequence 161, Application US/09/860473
Patent No. 6656732
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C EXPRESSION
FILE REFERENCE: RTS-0222
CURRENT APPLICATION NUMBER: US/09/860,473
CURRENT FILING DATE: 2001-05-18
NUMBER OF SEQ ID NOS: 169
SEQ ID NO 161
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-860-473-161

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 7126 CCGTGCACACAGTCCAGCC 7145
DB 1 CCGTGCACACAGTCCATCC 20

RESULT 2753
US-09-092-218-3/C
Sequence 3, Application US/09092218A
Patent No. 6660520
GENERAL INFORMATION:
APPLICANT: Black, Michael T.
APPLICANT: Milding, Edwina Imogen
APPLICANT: Shilling, Lisa K.
APPLICANT: Kosmicka, Anna L.
APPLICANT: Jaworski, Deborah D.
APPLICANT: Wang, Min
TITLE OF INVENTION: nrds
FILE REFERENCE: GM10156
CURRENT APPLICATION NUMBER: US/09/092,218A
CURRENT FILING DATE: 1998-06-05
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 3
LENGTH: 20
TYPE: DNA
ORGANISM: Streptococcus pneumoniae
US-09-092-218-3

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3757 TCAAGATGTTAAATCCAT 3776
DB 20 TCAAGATGTTAAATCCAT 1

RESULT 2754
US-09-980-052-93
Sequence 93, Application US/09980052
Patent No. 6670130
GENERAL INFORMATION:
APPLICANT: KIM, Jeong Joon; SJ HIGHTECH CO., Ltd.
APPLICANT: KIM, Cheol Min
APPLICANT: PARK, Hee Kyung
TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteria
FILE REFERENCE: P05020/ECT
CURRENT APPLICATION NUMBER: US/09/980,052
CURRENT FILING DATE: 2001-11-28
PRIOR APPLICATION NUMBER: KR 10-1999-0019631
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019632
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019633
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019634
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019635
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-2000-0018189
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 243
SOFTWARE: Kopacntin 1.71
SEQ ID NO 93
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE: OTHER INFORMATION: sequence of probe or primer for detecting Mycobacterium terrae

US-09-980-052-93
Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 4466 TTTTCTCTCTGTTTGT 4485
DB 1 TTTCTCTCTGTTTGT 20

RESULT 2755
US-09-495-714C-7
Sequence 7, Application US/09495714C
Patent No. 6670465
GENERAL INFORMATION:
APPLICANT: University Technologies International Inc.
TITLE OF INVENTION: RETINAL CALCIUM CHANNEL (ALPHA) 1F-SUBUNIT GENE
FILE REFERENCE: 45499.4 (formerly 45074.6)
CURRENT APPLICATION NUMBER: US/09/495,714C
CURRENT FILING DATE: 2000-02-01
NUMBER OF SEQ ID NOS: 138
SOFTWARE: PatentIn version 3.1
SEQ ID NO 7
LENGTH: 20
TYPE: DNA
ORGANISM: homo sapiens
US-09-495-714C-7

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3418 TTCTCTCTGTCACATTT 3437
DB 1 TTCTCTCTGTCACCTGT 20

RESULT 2756
PCT-US91-05742-9/c
Sequence 9, Application PC/TUS9105742
GENERAL INFORMATION:
APPLICANT: Cowser, Lex M
APPLICANT: Ecker, David J
TITLE OF INVENTION: Inhibition of Influenza viruses
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESS: Woodcock Washburn Kurtz Mackiewicz & Norris
STREET: One Liberty Place--46th floor
CITY: Philadelphia
STATE: PA
COUNTRY: US
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/05742
FILING DATE: 19910813
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: SIS-0359
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-34391
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: NUCLEIC ACID

```
STRANDEDNESS: single
;
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
PCT-US91-05742-9
```

```
Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy      7288 CTTGTTGCAATTTGTTCCC 7307
Db      20 CTTATTTCCGTTGGTTCCC 1
```

```
RESULT 2757
PCT-US91-05742-11/c
; Sequence 11, Application PC/TUS9105742
```

```
; GENERAL INFORMATION:
; APPLICANT: Cowser, Lex M
; APPLICANT: Ecker, David J
; TITLE OF INVENTION: Inhibition of Influenza Viruses
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris
; STREET: One Liberty Place--46th floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: US
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/05742
; FILING DATE: 19910813
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439]
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
PCT-US91-05742-11
```

```
Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy      7288 CTTGTTGCAATTTGTTCCC 7307
Db      20 CTTATTTCCGTTGGTTCCC 1
```

```
RESULT 2758
PCT-US93-04863-23/c
; Sequence 23, Application PC/TUS9304863
; GENERAL INFORMATION:
; APPLICANT: Ronald L. Marshall]
; APPLICANT: John J. Carrino
```

```
APPLICANT: Joann C. Sustachek
; APPLICANT: ABBOTT LABORATORIES
; TITLE OF INVENTION: AMPLIFICATION OF RNA SEQUENCES
; TITLE OF INVENTION: USING THE LIGASE CHAIN REACTION
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Abbott Laboratories
; STREET: One Abbott Park Road
; CITY: Abbott Park
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60064-3500
```

```
COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy diskette
```

```
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/04863
; FILING DATE: 19930524
```

```
CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/891,543
```

```
; FILING DATE: 29 MAY 1992
```

```
; ATTORNEY/AGENT INFORMATION:
```

```
; NAME: Thomas D. Bralnard
```

```
; REGISTRATION NUMBER: 32,459
```

```
; REFERENCE/DOCKET NUMBER: 5172.PC.01
```

```
; TELECOMMUNICATION INFORMATION:
```

```
; TELEPHONE: 708-937-4884
```

```
; TELEFAX: 708-938-2623
```

```
; INFORMATION FOR SEQ ID NO: 23:
```

```
; SEQUENCE CHARACTERISTICS:
```

```
; LENGTH: 20
```

```
; TYPE: NUCLEIC ACID
```

```
; STRANDEDNESS: single
```

```
; TOPOLOGY: linear
```

```
; MOLECULE TYPE: Other nucleic acid (synthetic DNA)
```

```
PCT-US93-04863-23
```

```
Query Match          0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy      3359 AGATTTTAAATGCTTTGG 3378
Db      20 AGATTTTAAATGCTCTTG 1
```

```
RESULT 2759
PCT-US95-04477-60/c
; Sequence 60, Application PC/TUS9504477
```

```
; GENERAL INFORMATION:
```

```
; APPLICANT:
; TITLE OF INVENTION: DNA SPACER REGULATORY ELEMENTS RESPONSIVE TO
```

```
; NUMBER OF SEQUENCES: 165
```

```
; COMPUTER READABLE FORM:
```

```
; MEDIUM TYPE: Floppy disk
```

```
; COMPUTER: IBM PC compatible
```

```
; OPERATING SYSTEM: PC-DOS/MS-DOS
```

```
; SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)
```

```
; CURRENT APPLICATION DATA:
```

```
; APPLICATION NUMBER: PCT/US95/04477
```

```
; FILING DATE:
```

```
; CLASSIFICATION:
```

```
; PRIOR APPLICATION DATA:
```

```
; APPLICATION NUMBER: US 08/228,935
```

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; FILING DATE: 14-APR-1994
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; INFORMATION FOR SEQ ID NO: 60:
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; SEQUENCE CHARACTERISTICS:
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; LENGTH: 20 base pairs
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; TYPE: nucleic acid
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STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "OTHER NUCLEIC ACID,
DESCRIPTION: SYNTHETIC DNA"
PCT-US95-04477-60

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1514 ACATCGCGGGGGAACGATTC 1533
Db 20 ACCTTCGGGGGAGAGATC 1

RESULT 2760
PCT-US95-06379-36/c
Sequence 36; Application PC/TUS9506379
GENERAL INFORMATION:
APPLICANT: Matanabe, Kyoichi A.
APPLICANT: Ren, Wu-Yun
TITLE OF INVENTION: Complementary DNA and Toxins
NUMBER OF SEQUENCES: 43
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch 1.44Mb
COMPUTER: IBM PC
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/06379
FILING DATE: May 13, 1994
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 44683-PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
TELEFAX: 212-391-0526
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
PCT-US95-06379-36

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5741 CCCTTTCTTCTATTCATCTC 5760
Db 20 CCTTCTTCTTATTCCTC 1

RESULT 2761
PCT-US95-07111A-44
Sequence 44; Application PC/TUS9507111A
GENERAL INFORMATION:
APPLICANT: Monia, Brett P. and Boggs, Russell T.
TITLE OF INVENTION: Antisense Oligonucleotide Modulation
TITLE OF INVENTION: of rat Gene Expression

NUMBER OF SEQUENCES: 54
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Office of Jane Massey Licata
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
STATE: NJ
COUNTRY: USA
ZIP: 08002
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/07111A
FILING DATE: May 31, 1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/250,856
FILING DATE: May 31, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0135
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 44:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
PCT-US95-07111A-44

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 7102 AATRAGGAAATGCAATTA 7121
Db 1 AAGAGCGCATATGAGTTA 20

RESULT 2762
PCT-US95-07744A-55/c
Sequence 55; Application PC/TUS9507744A
GENERAL INFORMATION:
APPLICANT: Trustees of The University of Pennsylvania
TITLE OF INVENTION: Plant Genes for Sensitivity to Ethylene
and Pathogens
NUMBER OF SEQUENCES: 82
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & Norris
STREET: One Liberty Place, 46th floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/07744A
FILING DATE: 15-JUNE-1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/261,822
FILING DATE: June 17, 1994
ATTORNEY/AGENT INFORMATION:

NAME: Beardsell, Lori Y.
REGISTRATION NUMBER: 34,293
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 55:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: YES
PCT-US95-07744A-55

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 6074 CTGGTCTTTTCTCTTTAC 6093
Db 20 CTGAGCTTCTCTCTTCC 1

RESULT 2763
PCT-US95-14418-40/c
Sequence 40, Application PC/TUS9514418
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: DNA Encoding a Thermostable DNA Polymerase Enzyme
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: United States of America
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/14418
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Gass, David A.
REGISTRATION NUMBER: 38,153
REFERENCE/DOCKET NUMBER: 28003/32330
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
TELEFAX: 312/474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
PCT-US95-14418-40

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Qy 3626 TGGGGGTGGAGAGAGGTA 3645
Db 20 TCGGGCGGAGAGAGCGAA 1

RESULT 2764
PCT-US95-15327-40/c
Sequence 40, Application PC/TUS9515327
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: Biologically Active Fragments of
Thermus Flavus DNA Polymerase
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: United States of America
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/15327
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Gass, David A.
REGISTRATION NUMBER: 38,153
REFERENCE/DOCKET NUMBER: 28003/31716
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
TELEFAX: 312/474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
PCT-US95-15327-40

Query Match 0.2%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 2.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3626 TGGGGGTGGAGAGAGGTA 3645
Db 20 TCGGGCGGAGAGAGCGAA 1

RESULT 2765
PCT-US96-00331-10
Sequence 10, Application PC/TUS9600331
GENERAL INFORMATION:
APPLICANT: GENTA INCORPORATED
TITLE OF INVENTION: METHODS AND COMPOSITION FOR
TREATING TUMOR CELLS
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US96/00331
FILING DATE: 10 JANUARY 1996
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/371,001
FILING DATE: 10 JANUARY 1995
ATTORNEY/AGENT INFORMATION:
NAME: BIGGS, SUZANNE L.
REGISTRATION NUMBER: 30,158
REFERENCE/DOCKET NUMBER: 218/068-PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other Nucleic Acid
PCT-US96-00331-10

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1062 CCGCGCCCTGCTAGCATC 1061
DB 1 CCGAGCCCTGCTACAGCTC 20

RESULT 2766
PCT-US96-00547-5/C
Sequence 5, Application PC/TUS9600547
GENERAL INFORMATION:
APPLICANT: Virogenetics Corporation
TITLE OF INVENTION: RECOMBINANT POXVIRUS-HTLV, COMPOSITIONS
TITLE OF INVENTION: AND USES
NUMBER OF SEQUENCES: 56
CORRESPONDENCE ADDRESS:
ADDRESSER: Curtis, Morris & Safford, P.C.
STREET: 530 Fifth Avenue, 25th Floor
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/00547
FILING DATE: 12-JAN-1996
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/372,664
FILING DATE: 13-JAN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Frommer, William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2621
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-3333
TELEFAX: (212) 840-0712
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA

PCT-US96-00547-5

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6425 GCGCGCCCTATTACTAA 6444
DB 20 GCGCGCCCTATTACTAA 1

RESULT 2767
US-08-455-896-13/C
Sequence 13, Application US/08455896
Patent No. 5668267
GENERAL INFORMATION:
APPLICANT: WATSON, MARK A.
ATTORNEY/AGENT INFORMATION:
NAME: FLEMING, TIMOTHY P.
TITLE OF INVENTION: DNA SEQUENCE AND ENCODED
TITLE OF INVENTION: MAMMARY-SPECIFIC BREAST CANCER PROTEIN
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSER: ROGERS, HOWELL & HAPERKAMP
STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
CITY: ST. LOUIS
STATE: MISSOURI
COUNTRY: USA
ZIP: 63105-1817
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/455,896
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: HOLLAND, DONALD R.
REGISTRATION NUMBER: 35,197
REFERENCE/DOCKET NUMBER: 952726
TELECOMMUNICATION INFORMATION:
TELEPHONE: (314) 727-5188
TELEFAX: (314) 727-6092
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA to mRNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-455-896-13

Query Match
Best Local Similarity 80.0%; Score 13.6; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4020 AAAAAAGAGAAACAAA 4039
DB 21 AAAAAAGAGAAACAAA 2

RESULT 2768
US-08-933-149-13/C
Sequence 13, Application US/08933149
Patent No. 5922836
GENERAL INFORMATION:
APPLICANT: WATSON, MARK A.
ATTORNEY/AGENT INFORMATION:
NAME: FLEMING, TIMOTHY P.
TITLE OF INVENTION: MAMMAGLOBIN, A SECRETED
TITLE OF INVENTION: MAMMARY SPECIFIC BREAST CANCER PROTEIN

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/
/ NUMBER OF SEQUENCES: 14
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: HOWELL & HAFERKAMP, L.C.
/ STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
/ CITY: ST. LOUIS
/ STATE: MISSOURI
/ COUNTRY: USA
/ ZIP: 63105-1817
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/933,149
/ FILING DATE:
/ CLASSIFICATION: 424
/ ATTORNEY/AGENT INFORMATION:
/ NAME: HENDERSON, MELODIE W.
/ REGISTRATION NUMBER: 37,848
/ REFERENCE/DOCKET NUMBER: 6029-6040
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (314) 727-5188
/ TELEFAX: (314) 727-6092
/ INFORMATION FOR SEQ ID NO: 13:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 21 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA to mRNA
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
/
US-08-933-149-13

Query Match 0.2%; Score 13.6; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 2.4e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4020 AAAAAAGAGAAACAAAA 4039
Db 21 AAAAAAAAAAAAAAAAAAAAA 2

RESULT 2769
US-09-082-343-13/c
/ Sequence 13, Application US/09082343
/ Patent No. 5968754
/ GENERAL INFORMATION:
/ APPLICANT: WATSON, MARK A.
/ APPLICANT: FLEMING, TIMOTHY P.
/ TITLE OF INVENTION: DNA SEQUENCE AND ENCODED
/ TITLE OF INVENTION: MAMMARY-SPECIFIC BREAST CANCER PROTEIN
/ NUMBER OF SEQUENCES: 13
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: ROGERS, HOWELL & HAFERKAMP
/ STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
/ CITY: ST. LOUIS
/ STATE: MISSOURI
/ COUNTRY: USA
/ ZIP: 63105-1817
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/082,343
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/455,896
/ FILING DATE:
```

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/
/ ATTORNEY/AGENT INFORMATION:
/ NAME: HOLLAND, DONALD R.
/ REGISTRATION NUMBER: 35,197
/ REFERENCE/DOCKET NUMBER: 952726
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (314) 727-5188
/ TELEFAX: (314) 727-6092
/ INFORMATION FOR SEQ ID NO: 13:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 21 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA to mRNA
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
/
US-09-082-343-13

Query Match 0.2%; Score 13.6; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 2.4e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4020 AAAAAAGAGAAACAAAA 4039
Db 21 AAAAAAAAAAAAAAAAAAAAA 2

RESULT 2770
US-08-863-639A-10
/ Sequence 10, Application US/08863639A
/ Patent No. 5981185
/ GENERAL INFORMATION:
/ APPLICANT: Watson, Robert S.
/ APPLICANT: Cassin, Peter J.
/ APPLICANT: Rampal, Jang B.
/ APPLICANT: Caskey, C. T.
/ TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
/ NUMBER OF SEQUENCES: 95
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Sheldon & Mak
/ STREET: 225 South Lake Avenue, 9th Floor
/ CITY: Pasadena
/ STATE: CA
/ COUNTRY: USA
/ ZIP: 91101
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
/ COMPUTER: IBM compatible
/ OPERATING SYSTEM: Windows 95
/ SOFTWARE: Corel Wordperfect 8 version
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/863,639A
/ FILING DATE: May 28, 1997
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Joseph E. Mueh
/ REGISTRATION NUMBER: 20,532
/ REFERENCE/DOCKET NUMBER: 11859-1
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (626) 796-4000
/ TELEFAX: (626) 795-6321
/ INFORMATION FOR SEQ ID NO: 10:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 21 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: Other nucleic acid
/
US-08-863-639A-10

Query Match 0.2%; Score 13.6; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 2.4e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

QY 4020 AAAAAAGAGAAACAAA 4039
|||||
Db 1 AAAAAAAAAAAAAAAAAA 20

RESULT 2771

US-08-863-639A-13/C
; Sequence 13, Application US/08863639A
; Patent No. 5981185
; GENERAL INFORMATION:
; APPLICANT: Watson, Robert S.
; APPLICANT: Coassin, Peter J.
; APPLICANT: Rampal, Jang B.
; APPLICANT: Caskey, C. T.
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheldon & Mak
; STREET: 225 South Lake Avenue, 9th Floor
; CITY: Pasadena
; STATE: CA
; COUNTRY: USA
; ZIP: 91101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Corel WordPerfect 8 version
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/863,639A
; FILING DATE: May 28, 1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph E. Muech
; REGISTRATION NUMBER: 20,532
; REFERENCE/DOCKET NUMBER: 11859-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (626) 796-4000
; TELEFAX: (626) 795-6321
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
; US-08-863-639A-13.

Query Match 0.2%; Score 13.6; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 2.4e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4020 AAAAAAGAGAAACAAA 4039
|||||
Db 21 AAAAAAAAAAAAAAAAAA 2

RESULT 2772
US-08-416-214A-12/C
; Sequence 12, Application US/08416214A
; Patent No. 598596

; GENERAL INFORMATION:
; APPLICANT: Bergen, Raymond; Neckers, Len
; TITLE OF INVENTION: Inhibition Of Protein
; TITLE OF INVENTION: Kinase Activity By Aptameric Action Of
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & PINNEGAN
; STREET: 345 PARK AVENUE
; CITY: NEW YORK
; STATE: NEW YORK

COUNTRY: USA

ZIP: 10154

COMPUTER READABLE FORM:

MEDIUM TYPE: FLOPPY DISK

COMPUTER: IBM PC COMPATIBLE

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WORDPERFECT 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/416,214A

FILING DATE: 04-APR-1995

ATTORNEY/AGENT INFORMATION:

NAME: Brown, Kathryn M.

REGISTRATION NUMBER: 34,556

REFERENCE/DOCKET NUMBER: 2026-4166

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 758-4800

TELEFAX: (212) 751-6849

INFORMATION FOR SEQ ID NO: 12:

SEQUENCE CHARACTERISTICS:

LENGTH: 21 base pairs

TYPE: Nucleic acid

STRANDEDNESS: Single

TOPOLOGY: linear

MOLECULE TYPE: Other nucleic acid

HYPOTHETICAL: Yes

ANTI-SENSE: No

US-08-416-214A-12

Query Match 0.2%; Score 13.6; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 2.4e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4020 AAAAAAGAGAAACAAA 4039
|||||
Db 21 AAAAAAAAAAAAAAAAAA 2

RESULT 2773

US-09-082-253-13/C
; Sequence 13, Application US/09082253
; Patent No. 6004756
; GENERAL INFORMATION:
; APPLICANT: WATSON, MARK A.
; APPLICANT: FLEMING, TIMOTHY P.
; TITLE OF INVENTION: DNA SEQUENCE AND ENCODED
; TITLE OF INVENTION: MAMMARY-SPECIFIC BREAST CANCER PROTEIN
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ROGERS, HOWELL & HAFERKAMP
; STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
; CITY: ST. LOUIS
; STATE: MISSOURI

COUNTRY: USA

ZIP: 63105-1817

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/082,253

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/455,896

FILING DATE: 05/31/1995

ATTORNEY/AGENT INFORMATION:

NAME: HOLLAND, DONALD R.

REGISTRATION NUMBER: 35,197

REFERENCE/DOCKET NUMBER: 952726

TELECOMMUNICATION INFORMATION:

TELEPHONE: (314) 727-5188

TELEFAX: (314) 727-6092
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA to mRNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-082-253-13

Query Match 0.2%; Score 13.6; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 2.4e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4020 AAAAAAGAGAAACAAA 4039
DB 21 AAAAAAAAAAAAAAAAAA 2

RESULT 2774
US-09-162-622-13/C
Sequence 13, Application US/09162622
Patent No. 6566072
GENERAL INFORMATION:
APPLICANT: WATSON, MARK A
APPLICANT: FLEMING, TIMOTHY P
TITLE OF INVENTION: Mammaplobin, A Secreted Mammary-Specific Breast Cancer
TITLE OF INVENTION: Protein
FILE REFERENCE: 6029-5134
CURRENT APPLICATION NUMBER: US/09/162,622
EARLIER FILING DATE: 1998-09-29
EARLIER APPLICATION NUMBER: 08/933,149
EARLIER FILING DATE: 1997-09-18
EARLIER APPLICATION NUMBER: PCT/US96/08235
EARLIER FILING DATE: 1996-05-31
EARLIER APPLICATION NUMBER: 08/455,896
EARLIER FILING DATE: 1995-05-31
NUMBER OF SEQ ID NOS: 21
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 13
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-162-622-13

Query Match 0.2%; Score 13.6; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 2.4e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4020 AAAAAAGAGAAACAAA 4039
DB 21 AAAAAAAAAAAAAAAAAA 2

RESULT 2775
US-09-509-015-13/C
Sequence 13, Application US/09509015
Patent No. 6677428
GENERAL INFORMATION:
APPLICANT: WATSON, MARK S.; FLEMING, TIMOTHY P.
TITLE OF INVENTION: MAMMAGLOBIN, A SECRETED
MAMMARY SPECIFIC BREAST CANCER PROTEIN
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSER: HOWELL & HAERKAMP, L.C.
STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
CITY: ST. LOUIS
STATE: MISSOURI
COUNTRY: USA

ZIP: 63105-1817
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/509,015
FILING DATE: 30-May-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US98/17991
FILING DATE: 1998-09-18
APPLICATION NUMBER: 08/933,149
FILING DATE: 1997-09-18
ATTORNEY/AGENT INFORMATION:
NAME: KASTEN, DANIEL S.
REGISTRATION NUMBER: 45,363
REFERENCE/DOCKET NUMBER: 6029-3654
TELECOMMUNICATION INFORMATION:
TELEPHONE: (314) 727-5188
TELEFAX: (314) 727-6092
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA to mRNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 13:
US-09-509-015-13

Query Match 0.2%; Score 13.6; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 2.4e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4020 AAAAAAGAGAAACAAA 4039
DB 21 AAAAAAAAAAAAAAAAAA 2

RESULT 2776
PCT-US96-08235-13/C
Sequence 13, Application PC/TUS9608235
GENERAL INFORMATION:
APPLICANT: WATSON, MARK A
APPLICANT: FLEMING, TIMOTHY P.
TITLE OF INVENTION: DNA SEQUENCE AND ENCODED
TITLE OF INVENTION: MAMMARY-SPECIFIC BREAST CANCER PROTEIN
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSER: ROGERS, HOWELL & HAERKAMP
STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
CITY: ST. LOUIS
STATE: MISSOURI
COUNTRY: USA
ZIP: 63105-1817
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/08235
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: HOLLAND, DONALD R.
REGISTRATION NUMBER: 35,197
REFERENCE/DOCKET NUMBER: 964796
TELECOMMUNICATION INFORMATION:

TELEPHONE: (314) 727-5188
TELEFAX: (314) 727-6092
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA to mRNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
PCT-US96-08235-13

Query Match 0.2%; Score 13.6; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 2.4e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4020 AAAAAAGAGAAACAAA 4039
DB 21 AAAAAAAAAAAAAAAAAA 2

RESULT 2777
US-09-475-947A-119/C
Sequence 119, Application US/09475947A
Patent No. 6472154
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Wren, Jonathan D.
TITLE OF INVENTION: Polymorphic Repeats in Human Genes
FILE REFERENCE: UTS0667
CURRENT APPLICATION NUMBER: US/09/475,947A
CURRENT FILING DATE: 1999-12-31
NUMBER OF SEQ ID NOS: 346
SOFTWARE: Patent Ver. 2.1
SEQ ID NO 119
LENGTH: 21
TYPE: DNA
ORGANISM: human
US-09-475-947A-119

Query Match 0.2%; Score 13.6; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 2.4e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4020 AAAAAAGAGAAACAAA 4039
DB 20 AAAAAAAAAAAAAAAAAA 1

RESULT 2778
US-09-164-249B-6
Sequence 6, Application US/09164249B
Patent No. 6322971
GENERAL INFORMATION:
APPLICANT: Chetverin, Alexander B.
TITLE OF INVENTION: NOVEL OLIGONUCLEOTIDE ARRAYS AND THEIR USE FOR SORTING,
TITLE OF INVENTION: ISOLATING, SEQUENCING, AND MANIPULATING NUCLEIC ACIDS
FILE REFERENCE: 07763-004003
CURRENT APPLICATION NUMBER: US/09/164,249B
CURRENT FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: US 08/473,010
PRIOR FILING DATE: 1995-06-07
PRIOR APPLICATION NUMBER: US 08/247,530
PRIOR FILING DATE: 1994-05-23
PRIOR APPLICATION NUMBER: US 07/838,607
PRIOR FILING DATE: 1992-02-19
NUMBER OF SEQ ID NOS: 18
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 6
LENGTH: 24

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetically derived DNA
US-09-164-249B-6

Query Match 0.2%; Score 13.6; DB 1; Length 24;
Best Local Similarity 80.0%; Pred. No. 2.9e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4020 AAAAAAGAGAAACAAA 4039
DB 4 AAAAAAAAAAAAAAAAAA 23

RESULT 2779
US-09-721-154-2/C
Sequence 2, Application US/09721154
Patent No. 6651008
GENERAL INFORMATION:
APPLICANT: Vaisberg, Eugeni
APPLICANT: Adams, Cynthia
APPLICANT: Sabry, James
APPLICANT: Crompton, Anne
TITLE OF INVENTION: Database system including computer code
TITLE OF INVENTION: for predictive cellular bioinformatics
FILE REFERENCE: CYTOP007C2
CURRENT APPLICATION NUMBER: US/09/721,154
CURRENT FILING DATE: 2002-06-14
PRIOR APPLICATION NUMBER: 09/311,996
PRIOR FILING DATE: 1999-05-14
NUMBER OF SEQ ID NOS: 14
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 2
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Psuedo-sequence
US-09-721-154-2

Query Match 0.2%; Score 13.6; DB 1; Length 24;
Best Local Similarity 80.0%; Pred. No. 2.9e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4020 AAAAAAGAGAAACAAA 4039
DB 24 AAAAAAAAAAAAAAAAAA 5

RESULT 2780
US-08-014-943A-11/C
Sequence 11, Application US/08014943A
Patent No. 5545551
GENERAL INFORMATION:
APPLICANT: Johnson, Edward M.
APPLICANT: Bergemann, Andrew D.
TITLE OF INVENTION: Cloning And Expression Of PUR Protein
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSER: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/014,943A

FILING DATE: 02/FEB/1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 6923-033
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212 790-9090
TELEFAX: 212 869-8864/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
US-08-014-943A-11

Query Match 0.2%; Score 13.6; DB 1; Length 24;
Best Local Similarity 80.0%; Pred. No. 2.9e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 7030 AATAGGAACCTCCAGAA 7049

DB 24 AAAAAAAAAACCTCCAAAA 5

RESULT 2781
US-08-486-421-46/c
Sequence 46, Application US/08486421
Patent No. 5672479
GENERAL INFORMATION:
APPLICANT: Bergemann, Edward M.
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 6923-033
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212 790-9090
TELEFAX: 212 869-8864/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 46:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-486-421-46

Query Match 0.2%; Score 13.6; DB 1; Length 24;
Best Local Similarity 80.0%; Pred. No. 2.9e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 7030 AATAGGAACCTCCAGAA 7049

DB 24 AAAAAAAAAACCTCCAAAA 5

RESULT 2782
US-08-470-911-46/c
Sequence 46, Application US/08470911
Patent No. 5756684
GENERAL INFORMATION:
APPLICANT: Johnson, Edward M.
ATTORNEY/AGENT INFORMATION:
NAME: Bergemann, Andrew D.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 6923-053
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 46:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-470-911-46

Query Match 0.2%; Score 13.6; DB 1; Length 24;
Best Local Similarity 80.0%; Pred. No. 2.9e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 7030 AATAGGAACCTCCAGAA 7049

DB 24 AAAAAAAAAACCTCCAAAA 5

RESULT 2783
US-08-486-809-46/c
Sequence 46, Application US/08486809
Patent No. 5869622
GENERAL INFORMATION:
APPLICANT: Johnson, Edward M.
ATTORNEY/AGENT INFORMATION:
NAME: Bergemann, Andrew D.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 6923-053
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 46:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-486-809-46

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STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/486,809
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/470,911
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Cortuzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 6923-053
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TEXT: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 46:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-486-809-46

Query Match      0.2%; Score 13.6; DB 1; Length 24;
Best Local Similarity 80.0%; Pred. No. 2.9e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      7030 AATAGAACCTCCAGAA 7049
Db      24 AAAAAAAAAACCTCCAAAA 5

RESULT 2784
US-08-181-271A-85
Sequence 85, Application US/08181271A
Patent No: 5614395
GENERAL INFORMATION:
APPLICANT: Ryals, John A.
APPLICANT: Alexander, Danny C.
APPLICANT: Beck, James J.
APPLICANT: Duesing, John H.
APPLICANT: Friedrich, Leslie B.
APPLICANT: Goodman, Robert M.
APPLICANT: Harms, Christian
APPLICANT: Meins, Jr., Frederick
APPLICANT: Montoya, Alice
APPLICANT: Moyer, Mary B.
APPLICANT: Neuhaus, Jean-Marc
APPLICANT: Payne, George B.
APPLICANT: Spetison, Christoph
APPLICANT: Stinson, Jeffrey R.
APPLICANT: Ukena, Scott J.
APPLICANT: Wines, Eric R.
APPLICANT: Williams, Shericca C.
TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC
NUMBER OF SEQUENCES: 106
CORRESPONDENCE ADDRESSES:
ADDRESS: CIBA-GEIGY Corporation
STREET: 7 Skyline Drive
CITY: Hawthorne
COUNTRY: USA
ZIP: 10532
```

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COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/181,271A
FILING DATE: 13-JAN-94
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/093,301
FILING DATE: 16-JUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/937,197
FILING DATE: 6-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/678,378
FILING DATE: 1-APR-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/305,566
FILING DATE: 6-FEB-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/165,667
FILING DATE: 8-MAR-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/042,847
FILING DATE: 6-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/632,441
FILING DATE: 21-DEC-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/425,504
FILING DATE: 20-OCT-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/848,506
FILING DATE: 6-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/768,122
FILING DATE: 27-SEP-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/580,431
FILING DATE: 7-SEP-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/368,672
FILING DATE: 20-JUN-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/329,018
FILING DATE: 24-MAR-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/045,957
FILING DATE: 12-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Elmer, James Scott
REGISTRATION NUMBER: 36,129
REFERENCE/DOCKET NUMBER: S-19825/Pl/CGC 1727
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919) 541-8614
TELEFAX: (919) 541-8689
INFORMATION FOR SEQ ID NO: 85:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-181-271A-85

Query Match      0.2%; Score 13.6; DB 1; Length 30;
Best Local Similarity 80.0%; Pred. No. 3.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4020 AAAAAAGAGAAACAAAA 4039
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```

Db 10 AAAAAAAAAAACATA 29

RESULT 2785
US-08-449-315-85
Sequence 85, Application US/08449315
Patent No. 5650505

GENERAL INFORMATION:
APPLICANT: Ryals, John A.
APPLICANT: Alexander, Danny C.
APPLICANT: Beck, James J.
APPLICANT: Duesing, John H.
APPLICANT: Friedlich, Leslie B.
APPLICANT: Goodman, Robert M.
APPLICANT: Harms, Christian
APPLICANT: Meins, Jr., Frederick
APPLICANT: Montoya, Alice
APPLICANT: Meyer, Mary B.
APPLICANT: Neuhaus, Jean-Marc
APPLICANT: Payne, George B.
APPLICANT: Sperison, Christoph
APPLICANT: Stinson, Jeffrey R.
APPLICANT: Unes, Scott J.
APPLICANT: Ward, Eric R.
APPLICANT: Williams, Shericca C.
TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC
TITLE OF INVENTION: DNA SEQUENCES AND USES THEREOF
NUMBER OF SEQUENCES: 106
CORRESPONDENCE ADDRESS:
ADDRESSER: CIBA-GEIGY Corporation
STREET: 7 Skyline Drive
CITY: Hawthorne
STATE: New York
COUNTRY: USA
ZIP: 10532

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/449,315
FILING DATE: 24-MAY-1995
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/181,271
FILING DATE: 13-JAN-94
APPLICATION NUMBER: US 08/093,301
FILING DATE: 16-JUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/937,197
FILING DATE: 6-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/678,378
FILING DATE: 1-APR-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/305,566
FILING DATE: 6-FEB-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/165,667
FILING DATE: 8-MAR-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/042,847
FILING DATE: 6-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/632,441
FILING DATE: 21-DEC-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/425,504
FILING DATE: 20-OCT 1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/846,506
FILING DATE: 6-MAR-1992

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/768,122
FILING DATE: 27-SEP-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/580,431
FILING DATE: 7-SEP-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/368,672
FILING DATE: 20-JUN-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/329,018
FILING DATE: 24-MAR-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/045,957
FILING DATE: 12-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Bimer, James Scott
REGISTRATION NUMBER: 36,129
REFERENCE/DOCKET NUMBER: S-19825/P1/CGC 1727
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8614
TELEFAX: (919)541-8689
INFORMATION FOR SEQ ID NO: 85:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-449-315-85

Query Match 0.2%; Score 13.6; DB 1; Length 30;
Best Local Similarity 80.0%; Pred. No. 3.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4020 AAAAAAGAGAAACATA 4039

Db 10 AAAAAAAAAAACATA 29

RESULT 2786
US-08-444-803-85
Sequence 85, Application US/08444803
Patent No. 5654414

GENERAL INFORMATION:
APPLICANT: Ryals, John A.
APPLICANT: Alexander, Danny C.
APPLICANT: Beck, James J.
APPLICANT: Duesing, John H.
APPLICANT: Friedlich, Leslie B.
APPLICANT: Goodman, Robert M.
APPLICANT: Harms, Christian
APPLICANT: Meins, Jr., Frederick
APPLICANT: Montoya, Alice
APPLICANT: Meyer, Mary B.
APPLICANT: Neuhaus, Jean-Marc
APPLICANT: Payne, George B.
APPLICANT: Sperison, Christoph
APPLICANT: Stinson, Jeffrey R.
APPLICANT: Unes, Scott J.
APPLICANT: Ward, Eric R.
APPLICANT: Williams, Shericca C.
TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC
TITLE OF INVENTION: DNA SEQUENCES AND USES THEREOF
NUMBER OF SEQUENCES: 106
CORRESPONDENCE ADDRESS:
ADDRESSER: CIBA-GEIGY Corporation
STREET: 7 Skyline Drive
CITY: Hawthorne
STATE: New York
COUNTRY: USA
ZIP: 10532
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/444,803
FILING DATE: 19-MAY-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/181,271
FILING DATE: 13-JAN-94
APPLICATION NUMBER: US 08/093,301
FILING DATE: 16-JUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/937,197
FILING DATE: 6-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/678,378
FILING DATE: 1-APR-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/305,566
FILING DATE: 6-FEB-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/165,667
FILING DATE: 8-MAR-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/042,847
FILING DATE: 6-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/632,441
FILING DATE: 21-DEC-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/425,504
FILING DATE: 20-OCT-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/848,506
FILING DATE: 6-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/768,122
FILING DATE: 27-SEP-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/580,431
FILING DATE: 7-SEP-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/368,672
FILING DATE: 20-JUN-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/329,018
FILING DATE: 24-MAR-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/045,957
FILING DATE: 12-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Elmer, James Scott
REGISTRATION NUMBER: 36,129
REFERENCE/DOCKET NUMBER: S-19825/P1/GC 1727
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8614
TELEFAX: (919)541-8689
INFORMATION FOR SEQ ID NO: 85:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-444-803-85

Query Match 0.2%; Score 13.6; DB 1; Length 30;
Best Local Similarity 80.0%; Pred. No.3.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

4020 AAAAAAGAGAAAAA 4039

Db 10 AAAAAAAAAAACTATA 29

RESULT 2787
US-08-449-043-85
Sequence 85, Application US/08449043
Patent No. 5683044
GENERAL INFORMATION:
APPLICANT: Ryals, John A.
APPLICANT: Alexander, Danny C.
APPLICANT: Beck, James J.
APPLICANT: Duesing, John H.
APPLICANT: Friedrich, Leslie B.
APPLICANT: Goodman, Robert M.
APPLICANT: Harms, Christian
APPLICANT: Meins, Jr., Frederick
APPLICANT: Montoya, Alice
APPLICANT: Moyer, Mary B.
APPLICANT: Neuhaus, Jean-Marc
APPLICANT: Payne, George B.
APPLICANT: Speilson, Christoph
APPLICANT: Stinson, Jeffrey R.
APPLICANT: Uknes, Scott J.
APPLICANT: Ward, Eric R.
APPLICANT: Williams, Shericea C.
TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC
TITLE OF INVENTION: DNA SEQUENCES AND USES THEREOF
NUMBER OF SEQUENCES: 106
CORRESPONDENCE ADDRESS:
ADDRESSEE: CIBA-GEIGY Corporation
STREET: 7 Skyline Drive
CITY: Hawthorne
STATE: New York
COUNTRY: USA
ZIP: 10532
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/449,043
FILING DATE: 24-MAY-1995
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/181,271
FILING DATE: 13-JAN-94
APPLICATION NUMBER: US 08/093,301
FILING DATE: 16-JUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/937,197
FILING DATE: 6-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/678,378
FILING DATE: 1-APR-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/305,566
FILING DATE: 6-FEB-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/165,667
FILING DATE: 8-MAR-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/042,847
FILING DATE: 6-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/632,441
FILING DATE: 21-DEC-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/425,504
FILING DATE: 20-OCT-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/848,506

FILED DATE: 6-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/768,122
FILING DATE: 27-SEP-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/580,431
FILING DATE: 7-SEP-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/368,672
FILING DATE: 20-JUN-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/329,018
FILING DATE: 24-MAR-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/045,957
FILING DATE: 12-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Elmer, James Scott
REGISTRATION NUMBER: 36,129
REFERENCE/DOCKET NUMBER: S-19825/P1/CGC 1727
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8614
TELEFAX: (919)541-8689
INFORMATION FOR SEQ ID NO: 85:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-449-043-85

Query Match 0.2%; Score 13.6; DB 1; Length 30;
Best Local Similarity 80.0%; Pred. No. 3.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4020 AAAAAAGAGAAAAA 4039
DB 10 AAAAAAAAAAAAAACATTA 29

RESULT 2788
US-08-456-265A-85
Sequence 85, Application US/08456265A
Patent No. 5767369
GENERAL INFORMATION:
APPLICANT: Alexander, Danny C.
APPLICANT: Ryals, John A.
APPLICANT: Goodman, Robert M.
APPLICANT: Stinson, Jeffrey R.
TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC
NUMBER OF SEQUENCES: 111
CORRESPONDENCE ADDRESS:
ADDRESSEE: CIBA-GEIGY Corporation
STREET: 520 White Plains Road, P.O. Box 2005
CITY: Tarrytown
STATE: New York
COUNTRY: USA
ZIP: 10591
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/456,265A
FILING DATE: 31-MAY-95
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/181,271
FILING DATE: 13-JAN-1994
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/093,301
FILING DATE: 16-JUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/937,197
FILING DATE: 6-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/678,378
FILING DATE: 1-APR-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/305,566
FILING DATE: 6-FEB-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/165,667
FILING DATE: 8-MAR-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/042,847
FILING DATE: 6-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/632,441
FILING DATE: 21-DEC-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/425,504
FILING DATE: 20-OCT-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/848,506
FILING DATE: 6-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/768,122
FILING DATE: 27-SEP-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/580,431
FILING DATE: 7-SEP-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/368,672
FILING DATE: 20-JUN-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/329,018
FILING DATE: 24-MAR-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/045,957
FILING DATE: 12-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Meigs, J. Timothy
REGISTRATION NUMBER: 38,241
REFERENCE/DOCKET NUMBER: S-19825/P1/CGC 1727/DIV10
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8587
TELEFAX: (919)541-8689
INFORMATION FOR SEQ ID NO: 85:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-456-265A-85

Query Match 0.2%; Score 13.6; DB 1; Length 30;
Best Local Similarity 80.0%; Pred. No. 3.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4020 AAAAAAGAGAAAAA 4039
DB 10 AAAAAAAAAAAAAACATTA 29

RESULT 2789
US-08-455-416-85
Sequence 85, Application US/08455416
Patent No. 5777200
GENERAL INFORMATION:
APPLICANT: Ryals, John A.
APPLICANT: Alexander, Danny C.

APPLICANT: Beck, James J.
 APPLICANT: Duesing, John H.
 APPLICANT: Friedrich, Leslie B.
 APPLICANT: Goodman, Robert M.
 APPLICANT: Harms, Christian
 APPLICANT: Meins, Jr., Frederick
 APPLICANT: Montoya, Alice
 APPLICANT: Moyer, Mary B.
 APPLICANT: Neuhaus, Jean-Marc
 APPLICANT: Payne, George B.
 APPLICANT: Spertson, Christoph
 APPLICANT: Stinson, Jeffrey R.
 APPLICANT: Uknes, Scott J.
 APPLICANT: Ward, Eric R.
 APPLICANT: Williams, Shericea C.
 TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC
 TITLE OF INVENTION: DNA SEQUENCES AND USES THEREOF
 NUMBER OF SEQUENCES: 106
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: CIBA-GEIGY Corporation
 STREET: 7 Skyline Drive
 CITY: Hawthorne
 STATE: New York
 COUNTRY: USA
 ZIP: 10532
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/455,416
 FILING DATE: 31-MAY-1995
 CLASSIFICATION: 800
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/181,271
 FILING DATE: 13-JAN-94
 APPLICATION NUMBER: US 08/093,301
 FILING DATE: 16-JUL-1993
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/937,197
 FILING DATE: 6-NOV-1992
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/678,378
 FILING DATE: 1-APR-1991
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/305,566
 FILING DATE: 6-FEB-1989
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/165,667
 FILING DATE: 8-MAR-1988
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/042,847
 FILING DATE: 6-APR-1993
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/632,441
 FILING DATE: 21-DEC-1990
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/425,504
 FILING DATE: 20-OCT-1989
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/848,506
 FILING DATE: 6-MAR-1992
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/768,122
 FILING DATE: 27-SEP-1991
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/580,431
 FILING DATE: 7-SEP-1990
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/368,672
 FILING DATE: 20-JUN-1989
 PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/329,018
 FILING DATE: 24-MAR-1989
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/045,957
 FILING DATE: 12-APR-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: Elmer, James Scott
 REGISTRATION NUMBER: 36,129
 REFERENCE/DOCKET NUMBER: S-19825/PI/CCC 1727
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (919)541-8614
 TELEFAX: (919)541-8689
 INFORMATION FOR SEQ ID NO: 85:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 30 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA
 US-08-455-416-85
 Query Match 0.2%; Score 13.6; DB 1; Length 30;
 Best Local Similarity 80.0%; Pred. No. 3.3e+03;
 Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
 QY 4020 AAAAAAGAGAAACAAA 4039
 Db 10 AAAAAAAAAAAAAAAAACATTA 29
 RESULT 2790
 US-08-455-244-85
 Sequence 85, Application US/08455244
 Patent No. 5789214
 GENERAL INFORMATION:
 APPLICANT: Ryals, John A.
 APPLICANT: Alexander, Danny C.
 APPLICANT: Beck, James J.
 APPLICANT: Duesing, John H.
 APPLICANT: Friedrich, Leslie B.
 APPLICANT: Goodman, Robert M.
 APPLICANT: Harms, Christian
 APPLICANT: Meins, Jr., Frederick
 APPLICANT: Montoya, Alice
 APPLICANT: Moyer, Mary B.
 APPLICANT: Neuhaus, Jean-Marc
 APPLICANT: Payne, George B.
 APPLICANT: Spertson, Christoph
 APPLICANT: Stinson, Jeffrey R.
 APPLICANT: Uknes, Scott J.
 APPLICANT: Ward, Eric R.
 APPLICANT: Williams, Shericea C.
 TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC
 TITLE OF INVENTION: DNA SEQUENCES AND USES THEREOF
 NUMBER OF SEQUENCES: 106
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: CIBA-GEIGY Corporation
 STREET: 7 Skyline Drive
 CITY: Hawthorne
 STATE: New York
 COUNTRY: USA
 ZIP: 10532
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/455,244
 FILING DATE: 31-MAY-1995
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/181,271

;; FILING DATE: 13-JAN-94
;; APPLICATION NUMBER: US 08/093,301
;; FILING DATE: 16-JUL-1993
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/937,197
;; FILING DATE: 6-NOV-1992
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/678,378
;; FILING DATE: 1-APR-1991
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/305,566
;; FILING DATE: 6-FEB-1989
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/165,667
;; FILING DATE: 8-MAR-1988
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/042,847
;; FILING DATE: 6-APR-1993
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/632,441
;; FILING DATE: 21-DEC-1990
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/425,504
;; FILING DATE: 20-OCT-1989
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/848,506
;; FILING DATE: 6-MAR-1992
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/768,122
;; FILING DATE: 27-SEP-1991
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/580,431
;; FILING DATE: 7-SEP-1990
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/368,672
;; FILING DATE: 20-JUN-1989
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/329,018
;; FILING DATE: 24-MAR-1989
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/045,957
;; FILING DATE: 12-APR-1993
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Elmer, James Scott
;; REGISTRATION NUMBER: 36,129
;; REFERENCE/DOCKET NUMBER: S-19825/Pl/CGC 1727
;; TELEPHONE: (919)541-8614
;; TELEFAX: (919)541-8689
;; INFORMATION FOR SEQ ID NO: 85:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 30 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA
;; US-08-455-244-85

Query Match 0.2%; Score 13.6; DB 1; Length 30;
Best Local Similarity 80.0%; Pred. No. 3.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4020 AAAAAAGAGAAAACAAA 4039
Db 10 AAAAAAAAAAAAAACATTA 29

RESULT 2791
US-08-454-876-85
; Sequence 85, Application US/08454876
; Patent No. 5804693
; GENERAL INFORMATION:
; APPLICANT: Ryals, John A.

;; APPLICANT: Alexander, Danny C.
;; APPLICANT: Beck, James J.
;; APPLICANT: Duesing, John H.
;; APPLICANT: Friedrich, Leslie B.
;; APPLICANT: Goodman, Robert M.
;; APPLICANT: Harms, Christian
;; APPLICANT: Meins, Jr., Frederick
;; APPLICANT: Montoya, Alice
;; APPLICANT: Moyer, Mary B.
;; APPLICANT: Neuhaus, Jean-Marc
;; APPLICANT: Payne, George B.
;; APPLICANT: Sperison, Christoph
;; APPLICANT: Stinson, Jeffrey R.
;; APPLICANT: Unnes, Scott J.
;; APPLICANT: Ward, Eric R.
;; APPLICANT: Williams, Shericca C.
;; TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC
;; TITLE OF INVENTION: DNA SEQUENCES AND USES THEREOF
;; NUMBER OF SEQUENCES: 106
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: CIBA-GEIGY Corporation
;; STREET: 7 Skyline Drive
;; CITY: Hawthorne
;; STATE: New York
;; COUNTRY: USA
;; ZIP: 10532
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/454,876
;; FILING DATE: 31-MAY-1995
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/181,271
;; FILING DATE: 13-JAN-94
;; APPLICATION NUMBER: US 08/093,301
;; FILING DATE: 16-JUL-1993
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/937,197
;; FILING DATE: 6-NOV-1992
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/678,378
;; FILING DATE: 1-APR-1991
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/305,566
;; FILING DATE: 6-FEB-1989
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/165,667
;; FILING DATE: 8-MAR-1988
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/042,847
;; FILING DATE: 6-APR-1993
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/632,441
;; FILING DATE: 21-DEC-1990
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/425,504
;; FILING DATE: 20-OCT-1989
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/848,506
;; FILING DATE: 6-MAR-1992
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/768,122
;; FILING DATE: 27-SEP-1991
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/580,431
;; FILING DATE: 7-SEP-1990
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/368,672
;; FILING DATE: 20-JUN-1989

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/329,018
FILING DATE: 24-MAR-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/045,957
FILING DATE: 12-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Elmer, James Scott
REGISTRATION NUMBER: 36,129
REFERENCE/DOCKET NUMBER: S-19825/P1/CGC 1727
TELEPHONE: (919)541-8614
TELEFAX: (919)541-8689
INFORMATION FOR SEQ ID NO: 85:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-454-876-85

Query Match 0.2%; Score 13.6; DB 1; Length 30;
Best Local Similarity 80.0%; Pred. No. 3.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4020 AAAAAAGAGAAAACAAA 4039
DB 10 AAAAAAAAAAAAAAAAACTTA 29

RESULT 2792
US-08-457-364-85
Sequence 85, Application US/08457364
Patent No. 5847258
GENERAL INFORMATION:
APPLICANT: Ryals, John A.
APPLICANT: Alexander, Danny C.
APPLICANT: Beck, James J.
APPLICANT: Duesing, John H.
APPLICANT: Friedrich, Leslie B.
APPLICANT: Goodman, Robert M.
APPLICANT: Harms, Christian
APPLICANT: Melns, Jr., Frederick
APPLICANT: Montoya, Alice
APPLICANT: Moyer, Mary B.
APPLICANT: Neuhaus, Jean-Marc
APPLICANT: Payne, George B.
APPLICANT: Sperison, Christoph
APPLICANT: Stinson, Jeffrey R.
APPLICANT: Uknes, Scott J.
APPLICANT: Ward, Eric R.
APPLICANT: Williams, Shericea C.
TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC
TITLE OF INVENTION: DNA SEQUENCES AND USES THEREOF
NUMBER OF SEQUENCES: 106
CORRESPONDENCE ADDRESS:
ADDRESS: CIBA-GEIGY Corporation
STREET: 7 Skyline Drive
CITY: Hawthorne
STATE: New York
COUNTRY: USA
ZIP: 10532
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/457,364
FILING DATE: 31-MAY-1995
CLASSIFICATION: 800
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/181,271
FILING DATE: 13-JAN-94
APPLICATION NUMBER: US 08/093,301
FILING DATE: 16-JUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/937,197
FILING DATE: 6-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/678,378
FILING DATE: 1-APR-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/305,566
FILING DATE: 6-FEB-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/165,667
FILING DATE: 8-MAR-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/042,847
FILING DATE: 6-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/632,441
FILING DATE: 21-DEC-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/425,504
FILING DATE: 20-OCT-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/848,506
FILING DATE: 6-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/768,122
FILING DATE: 27-SEP-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/580,431
FILING DATE: 7-SEP-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/368,672
FILING DATE: 20-JUN-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/329,018
FILING DATE: 24-MAR-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/045,957
FILING DATE: 12-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Elmer, James Scott
REGISTRATION NUMBER: 36,129
REFERENCE/DOCKET NUMBER: S-19825/P1/CGC 1727
TELEPHONE: (919)541-8614
TELEFAX: (919)541-8689
INFORMATION FOR SEQ ID NO: 85:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-457-364-85

Query Match 0.2%; Score 13.6; DB 1; Length 30;
Best Local Similarity 80.0%; Pred. No. 3.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4020 AAAAAAGAGAAAACAAA 4039
DB 10 AAAAAAAAAAAAAAAAACTTA 29

RESULT 2793
US-08-456-262-85
Sequence 85, Application US/08456262
Patent No. 5851766
GENERAL INFORMATION:

APPLICANT: Ryals, John A.
APPLICANT: Alexander, Danny C.
APPLICANT: Beck, James J.
APPLICANT: Duesing, John H.
APPLICANT: Friedrich, Leslie B.
APPLICANT: Goodman, Robert M.
APPLICANT: Harms, Christian
APPLICANT: Meins, Jr., Frederick
APPLICANT: Montoya, Alice
APPLICANT: Moyer, Mary B.
APPLICANT: Neuhaus, Jean-Marc
APPLICANT: Payne, George B.
APPLICANT: Sperison, Christoph
APPLICANT: Stinson, Jeffrey R.
APPLICANT: Umes, Scott J.
APPLICANT: Williams, Shericca C.
TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC
TITLE OF INVENTION: DNA SEQUENCES AND USES THEREOF
NUMBER OF SEQUENCES: 106
CORRESPONDENCE ADDRESSES:
ADDRESSEE: CIBA-GEIGY Corporation
STREET: 7 Skyline Drive
CITY: Hawthorne
STATE: New York
COUNTRY: USA
ZIP: 10532
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/456,262
FILING DATE: 31-MAY-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/181,271
FILING DATE: 13-JAN-94
APPLICATION NUMBER: US 08/093,301
FILING DATE: 16-JUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/937,197
FILING DATE: 6-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/678,378
FILING DATE: 1-APR-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/305,566
FILING DATE: 6-FEB-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/165,667
FILING DATE: 8-MAR-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/042,847
FILING DATE: 6-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/632,441
FILING DATE: 21-DEC-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/425,504
FILING DATE: 20-OCT-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/848,506
FILING DATE: 6-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/768,122
FILING DATE: 27-SEP-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/580,431
FILING DATE: 7-SEP-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/368,672

FILING DATE: 20-JUN-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/329,018
FILING DATE: 24-MAR-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/045,957
FILING DATE: 12-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Elmer, James Scott
REGISTRATION NUMBER: 36,129
REFERENCE/DOCKET NUMBER: S-19825/P1/CGC 1727
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8614
TELEFAX: (919)541-8689
INFORMATION FOR SEQ ID NO: 85:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-456-262-85
Query Match 0.2% Score 13.6; DB 1; Length 30;
Best Local Similarity 80.0%; Pred. No. 3.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 4020 AAAAAAGAGAAAAA 4039
DB 10 AAAAAAAAAAAAAACATTA 29
RESULT 2794
US-08-456-240-85
Sequence 85, Application US/08456240
Patent No. 5856154
GENERAL INFORMATION:
APPLICANT: Ryals, John A.
APPLICANT: Alexander, Danny C.
APPLICANT: Beck, James J.
APPLICANT: Duesing, John H.
APPLICANT: Friedrich, Leslie B.
APPLICANT: Goodman, Robert M.
APPLICANT: Harms, Christian
APPLICANT: Meins, Jr., Frederick
APPLICANT: Montoya, Alice
APPLICANT: Moyer, Mary B.
APPLICANT: Neuhaus, Jean-Marc
APPLICANT: Payne, George B.
APPLICANT: Sperison, Christoph
APPLICANT: Stinson, Jeffrey R.
APPLICANT: Umes, Scott J.
APPLICANT: Ward, Eric R.
APPLICANT: Williams, Shericca C.
TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC
TITLE OF INVENTION: DNA SEQUENCES AND USES THEREOF
NUMBER OF SEQUENCES: 106
CORRESPONDENCE ADDRESSES:
ADDRESSEE: CIBA-GEIGY Corporation
STREET: 7 Skyline Drive
CITY: Hawthorne
STATE: New York
COUNTRY: USA
ZIP: 10532
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/456,240
FILING DATE: 31-MAY-1995
CLASSIFICATION: 800

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/181,271
FILING DATE: 13-JAN-94
APPLICATION NUMBER: US 08/093,301
FILING DATE: 16-JUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/937,197
FILING DATE: 6-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/678,378
FILING DATE: 1-APR-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/305,566
FILING DATE: 6-FEB-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/165,667
FILING DATE: 8-MAR-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/042,847
FILING DATE: 6-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/632,441
FILING DATE: 21-DEC-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/425,504
FILING DATE: 20-OCT-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/848,506
FILING DATE: 6-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/768,122
FILING DATE: 27-SEP-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/580,431
FILING DATE: 7-SEP-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/368,672
FILING DATE: 20-JUN-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/329,018
FILING DATE: 24-MAR-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/045,957
FILING DATE: 12-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Elmer, James Scott
REGISTRATION NUMBER: 36,129
REFERENCE/DOCKET NUMBER: S-19825/PI/CGC 1727
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919) 541-8614
TELEFAX: (919) 541-8689
INFORMATION FOR SEQ ID NO: 85:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-456-240-85

Query Match 0.2%; Score 13.6; DB 1; Length 30;
Best Local Similarity 80.0%; Pred. No. 3.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

CY 4020 AAAAAAGAGAAAAA 4039
DB 10 AAAAAAAAAAAAAACATTA 29

RESULT 2795
US-08-455-736-85
Sequence 85, Application US/08455736
Patent No. 5880328

GENERAL INFORMATION:
APPLICANT: Ryals, John A.
APPLICANT: Alexander, Danny C.
APPLICANT: Beck, James J.
APPLICANT: Duesing, John H.
APPLICANT: Friedrich, Leslie B.
APPLICANT: Goodman, Robert M.
APPLICANT: Harms, Christian
APPLICANT: Meins, Jr., Frederick
APPLICANT: Montoya, Alice
APPLICANT: Moyer, Mary B.
APPLICANT: Neuhaus, Jean-Marc
APPLICANT: Payne, George B.
APPLICANT: Sperison, Christoph
APPLICANT: Stinson, Jeffrey R.
APPLICANT: Uknes, Scott J.
APPLICANT: Ward, Eric R.
APPLICANT: Williams, Shericea C.
TITLE OF INVENTION: CHEMICALLY REGULATABLE AND ANTI-PATHOGENIC
DNA SEQUENCES AND USES THEREOF
NUMBER OF SEQUENCES: 106
CORRESPONDENCE ADDRESS:
ADDRESSEE: CIBA-GEIGY Corporation
STREET: 7 Skyline Drive
CITY: Hawthorne
STATE: New York
COUNTRY: USA
ZIP: 10532
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/455,736
FILING DATE: 31-MAY-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/181,271
FILING DATE: 13-JAN-1994
APPLICATION NUMBER: US 08/093,301
FILING DATE: 16-JUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/937,197
FILING DATE: 6-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/678,378
FILING DATE: 1-APR-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/305,566
FILING DATE: 6-FEB-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/165,667
FILING DATE: 8-MAR-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/042,847
FILING DATE: 6-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/632,441
FILING DATE: 21-DEC-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/425,504
FILING DATE: 20-OCT-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/848,506
FILING DATE: 6-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/768,122
FILING DATE: 27-SEP-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/580,431
FILING DATE: 7-SEP-1990
PRIOR APPLICATION DATA:

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; APPLICATION NUMBER: US 07/368,672
; FILING DATE: 20-JUN-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/329,018
; FILING DATE: 24-MAR-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/045,957
; FILING DATE: 12-APR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Elmer, James Scott
; REGISTRATION NUMBER: 36,129
; REFERENCE/DOCKET NUMBER: S-19825/P1/CGC 1727
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (919)541-8614
; TELEFAX: (919)541-8689
; INFORMATION FOR SEQ ID NO: 85:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-455-736-85

Query Match      0.2%; Score 13.6; DB 1; Length 30;
Best Local Similarity 80.0%; Pred. No. 3.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4020 AAAAAAGAGAAAAACAAA 4039
Db      10 AAAAAAAAAAAAAACATTA 29

RESULT 2796
US-08-971-217-85
; Sequence 85, Application US/08971217
; Patent No. 5942662
; GENERAL INFORMATION:
; APPLICANT: Ryals, John A.
; APPLICANT: Harms, Christian
; APPLICANT: Friedrich, Leslie
; APPLICANT: Beck, James
; APPLICANT: Uknes, Scott
; APPLICANT: Ward, Eric
; TITLE OF INVENTION: INDUCIBLE HERBICIDE RESISTANCE
; NUMBER OF SEQUENCES: 111
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 5942662artis Corporation
; STREET: 3054 Cornwallis Road, P.O. Box 12257
; CITY: Research Triangle Park
; STATE: NC
; COUNTRY: USA
; ZIP: 27709
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/971,217
; FILING DATE:
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/457,364
; FILING DATE: 31-MAY-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/101,271
; FILING DATE: 13-JAN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/093,301
; FILING DATE: 16-JUL-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/937,197
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; FILING DATE: 6-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/678,378
; FILING DATE: 1-APR-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/305,566
; FILING DATE: 6-FEB-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/165,667
; FILING DATE: 8-MAR-1988
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/042,847
; FILING DATE: 6-APR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/632,441
; FILING DATE: 21-DEC-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/425,504
; FILING DATE: 20-OCT-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/848,506
; FILING DATE: 6-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/768,122
; FILING DATE: 27-SEP-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/580,431
; FILING DATE: 7-SEP-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/368,672
; FILING DATE: 20-JUN-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/329,018
; FILING DATE: 24-MAR-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/045,957
; FILING DATE: 12-APR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Weigs, J. Timothy
; REGISTRATION NUMBER: 38,241
; REFERENCE/DOCKET NUMBER: S-19825/P1/CGC 1727/DIV5/CONT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (919)541-8587
; TELEFAX: (919)541-8689
; INFORMATION FOR SEQ ID NO: 85:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-971-217-85

Query Match      0.2%; Score 13.6; DB 1; Length 30;
Best Local Similarity 80.0%; Pred. No. 3.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4020 AAAAAAGAGAAAAACAAA 4039
Db      10 AAAAAAAAAAAAAACATTA 29

RESULT 2797
US-09-350-600-85
; Sequence 85, Application US/09350600
; Patent No. 6262342
; GENERAL INFORMATION:
; APPLICANT: Meins, Frederick
; APPLICANT: Shinsaki, Hideaki
; APPLICANT: Wenzler, Herman
; APPLICANT: Hofsteenge, Jan
; APPLICANT: Ryals, John
; APPLICANT: Sperisen, Christoph
```


TITLE OF INVENTION: DNA SEQUENCES ENCODING POLYPEPTIDES
TITLE OF INVENTION: HAVING BETA-1,3-GLUCANASE ACTIVITY
NUMBER OF SEQUENCES: 111
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 6632981artis Corporation
STREET: 3054 Cornwallis Road, P.O. Box 12257
CITY: Research Triangle Park
STATE: NC
COUNTRY: USA
ZIP: 27709
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/350,600
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/971,217
FILING DATE: 14-NOV-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/457,364
FILING DATE: 31-MAY-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/181,271
FILING DATE: 13-JAN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/093,301
FILING DATE: 16-JUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/937,197
FILING DATE: 6-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/678,378
FILING DATE: 1-APR-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/305,566
FILING DATE: 6-FEB-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/165,667
FILING DATE: 8-MAR-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/042,847
FILING DATE: 6-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/632,441
FILING DATE: 21-DEC-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/425,504
FILING DATE: 20-OCT 1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/848,506
FILING DATE: 6-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/168,122
FILING DATE: 27-SEP-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/580,431
FILING DATE: 7-SEP-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/368,672
FILING DATE: 20-JUN-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/329,018
FILING DATE: 24-MAR-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/381,443
FILING DATE: 18-JUL-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/353,312
FILING DATE: 17-MAY-1989
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/226,303
FILING DATE: 29-JUL-1988
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/045,957
FILING DATE: 12-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Meigs, J. Timothy
REGISTRATION NUMBER: 38,241
REFERENCE/DOCKET NUMBER: S-198250
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8587
TELEFAX: (919)541-8689
INFORMATION FOR SEQ ID NO: 85:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-09-350-600-85
Query Match 0.2%; Score 13.6; DB 1; Length 30;
Best Local Similarity 80.0%; Pred. No. 3.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
CY 4020 AAAAAAGAGGAAACAAA 4039
Db 10 AAAAAAAAAAAAAACATTA 29
RESULT 2798
US-09-906-234-85
Sequence 85, Application US/09906234
Patent No. 6632981
GENERAL INFORMATION:
APPLICANT: Meigs, Frederick
Shinshi, Hideaki
Wenzler, Herman
Hofsteenge, Jan
Ryals, John
Sperisen, Christoph
TITLE OF INVENTION: DNA SEQUENCES ENCODING POLYPEPTIDES
HAVING BETA-1,3-GLUCANASE ACTIVITY
NUMBER OF SEQUENCES: 111
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 6632981artis Corporation
STREET: 3054 Cornwallis Road, P.O. Box 12257
CITY: Research Triangle Park
STATE: NC
COUNTRY: USA
ZIP: 27709
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/906,234
FILING DATE: 16-Jul-2001
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/350,600
FILING DATE: 9-JULY-1999
APPLICATION NUMBER: US 08/457,364
FILING DATE: 31-MAY-1995
APPLICATION NUMBER: US 08/181,271
FILING DATE: 13-JAN-1994
APPLICATION NUMBER: US 08/093,301
FILING DATE: 16-JUL-1993
APPLICATION NUMBER: US 07/937,197
FILING DATE: 6-NOV-1992
APPLICATION NUMBER: US 07/678,378
FILING DATE: 1-APR-1991
APPLICATION NUMBER: US 07/305,566

FILED DATE: 6-FEB-1989
APPLICATION NUMBER: US 07/165,667
FILING DATE: 8-MAR-1988
APPLICATION NUMBER: US 08/042,847
FILING DATE: 6-APR-1993
APPLICATION NUMBER: US 07/632,441
FILING DATE: 21-DEC-1990
APPLICATION NUMBER: US 07/425,504
FILING DATE: 20-OCT-1989
APPLICATION NUMBER: US 07/848,506
FILING DATE: 6-MAR-1992
APPLICATION NUMBER: US 07/768,122
FILING DATE: 27-SEP-1991
APPLICATION NUMBER: US 07/580,431
FILING DATE: 7-SEP-1990
APPLICATION NUMBER: US 07/368,672
FILING DATE: 20-JUN-1989
APPLICATION NUMBER: US 07/329,018
FILING DATE: 24-MAR-1989
APPLICATION NUMBER: US 07/381,443
FILING DATE: 18-JUL-1989
APPLICATION NUMBER: US 07/353,312
FILING DATE: 17-MAY-1989
APPLICATION NUMBER: US 07/226,303
FILING DATE: 29-JUL-1988
APPLICATION NUMBER: US 08/045,957
FILING DATE: 12-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Meigs, J. Timothy
REGISTRATION NUMBER: 38,241
REFERENCE/DOCKET NUMBER: S-198250
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8587
TELEFAX: (919)541-8689
INFORMATION FOR SEQ ID NO: 85:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 85:
US-09-906-234-85
Query Match 0.2%; Score 13.6; DB 1; Length 30;
Best Local Similarity 80.0%; Pred. No. 3.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4020 AAAAAAGAGAAACAAA 4039
|||||
DB 10 AAAAAAAAAAAAAAAAAA 29

RESULT 2799
US-08-522-623-14/C
Sequence 14, Application US/08522623
GENERAL INFORMATION:
APPLICANT: Khalil, Omar S.
APPLICANT: Bouma, Stanley R.
TITLE OF INVENTION: METHOD AND DEVICE FOR DETECTION OF
TITLE OF INVENTION: NUCLEIC ACID OR ANALYTE USING TOTAL INTERNAL REFLECTION
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSER: Abbott Laboratories
STREET: One Abbott Park Road
CITY: Abbott Park
STATE: Illinois
COUNTRY: United States of America
ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/522,623
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/311,839
FILING DATE:
APPLICATION NUMBER: US/07/863,553
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Brainard, Thomas D.
REGISTRATION NUMBER: 32,459
REFERENCE/DOCKET NUMBER: 5158 US.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: (708) 937-4884
TELEFAX: (708) 937-9556
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 32 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: misc_feature
LOCATION: 32
US-08-522-623-14
Query Match 0.2%; Score 13.6; DB 1; Length 32;
Best Local Similarity 80.0%; Pred. No. 3.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4020 AAAAAAGAGAAACAAA 4039
|||||
DB 32 AAAAAAAAAAAAAAAAAA 13

RESULT 2800
PCT-US93-03256-14/C
Sequence 14, Application PC/TUS9303256
GENERAL INFORMATION:
APPLICANT: Abbott Laboratories
TITLE OF INVENTION: METHOD AND DEVICE FOR DETECTION OF
TITLE OF INVENTION: NUCLEIC ACID OR ANALYTE USING TOTAL INTERNAL REFLECTION
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSER: Abbott Laboratories
STREET: One Abbott Park Road
CITY: Abbott Park
STATE: Illinois
COUNTRY: United States of America
ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn and WordPerfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/03256
FILING DATE: 19930506
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/863,553
FILING DATE: 06 APRIL 1992
ATTORNEY/AGENT INFORMATION:
NAME: Brainard, Thomas D.
REGISTRATION NUMBER: 32,459
REFERENCE/DOCKET NUMBER: 5158 US.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: (708) 937-4884

TELEFAX: (708) 937-2623
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 32 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: misc_feature
LOCATION: 32
PCT-US93-03256-14

Query Match 0.2%; Score 13.6; DB 1; Length 32;
Best Local Similarity 80.0%; Pred. No. 3.3e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4020 AAAAAAGAGAAAAACAAA 4039
DB 32 AAAAAAAAAAAAAAAAAAAAA 13

RESULT 2801
US-08-580-242-3/C
Sequence 3, Application US/08580242
Patent No. 5683988
GENERAL INFORMATION:
APPLICANT: CHUNG, Hun-Tae
TITLE OF INVENTION: ANTI-SENSE OLIGODEOXYNUCLEOTIDE TO
TITLE OF INVENTION: FIBROGENIC CYTOKINE TGF-beta AND USE THEREOF
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: LOWE PRICE LEBLANC & BECKER
STREET: 99 Canal Center Plaza, Suite 300
CITY: Alexandria
STATE: Virginia
COUNTRY: USA
ZIP: 22314
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/580,242
FILING DATE: 28-DEC-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Mills, Demetra J.
REGISTRATION NUMBER: 34,506
REFERENCE/DOCKET NUMBER: 1578-004A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-684-1111
TELEFAX: 703-684-1124
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
ANTI-SENSE: YES
US-08-580-242-3

Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5642 GGGGAGCCCCCAGCC 5656
DB 15 GGGTGAACCCAGCC 1

RESULT 2802
US-08-292-620A-359
Sequence 359; Application US/08292620A
Patent No. 5837542

GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggan
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440

two

TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 359:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-359

Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 13.3%; Pred. No. 1.5e+03;
Matches 2; Conservative 12; Mismatches 1; Indels 0; Gaps 0;

QY 4461 GACTTTTCTTTTCTTTT 4475
DB 1 GAUUUUUUUUUUUUUU 15

RESULT 2803
US-08-173-489C-61
Sequence 61, Application US/08173489C
Patent No. 5861244
GENERAL INFORMATION:
APPLICANT: WANG, C. -G.
APPLICANT: HEPBURN, A. G.

```

1      TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
2      TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
3      NUMBER OF SEQUENCES: 365
4      CORRESPONDENCE ADDRESS:
5      ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
6      STREET: 510 EAST 73RD STREET,
7      CITY: NEW YORK
8      STATE: NEW YORK
9      COUNTRY: USA
10     ZIP: 10021.
11     COMPUTER READABLE FORM:
12     MEDIUM TYPE: 3.5 inch, 1.44mb storage
13     COMPUTER: IBM PC/XT/AT
14     OPERATING SYSTEM: MS-DOS version 6.2
15     SOFTWARE: Wordperfect Version 5.1
16     CURRENT APPLICATION DATA:
17     APPLICATION NUMBER: US/08/173,489C
18     FILING DATE: 22 DEC 1993
19     CLASSIFICATION: 435
20     PRIOR APPLICATION DATA:
21     APPLICATION NUMBER: US 07/968,436
22     FILING DATE: 29 OCT 1992
23     ATTORNEY/AGENT INFORMATION:
24     NAME: Handelman, Joseph H.
25     REGISTRATION NUMBER: 26,179
26     REFERENCE/DOCKET NUMBER: 09518-6
27     TELECOMMUNICATION INFORMATION:
28     TELEPHONE: (attorney) (212) 708-1880
29     TELEFAX: (attorney) (212) 246-8959
30     INFORMATION FOR SEQ ID NO: 61:
31     SEQUENCE CHARACTERISTICS:
32     LENGTH: 15 base pairs
33     TYPE: Nucleic Acid
34     STRANDEDNESS: double stranded
35     TOPOLOGY: linear
36     MOLECULE TYPE: Genomic DNA
37     DESCRIPTION: gamma-crystallin gene exons 1 and 2
38     DESCRIPTION: (Accession # K03003) nucleotides 144 to 158
39     HYPOTHEITICAL: NO
40     ANTI-SENSE: NO
41     ORIGINAL SOURCE:
42     ORGANISM: Homo sapiens
43     POSITION IN GENOME:
44     CHROMOSOME/SEGMENT: chromosome 2
45     MAP POSITION: 2q33-q35
46     PUBLICATION INFORMATION:
47     AUTHORS: Meakin, S O, Brettman, M L, Teui, L C.
48     TITLE: Structural and evolutionary
49     TITLE: relationships among five members of the human
50     JOURNAL: Molecular and Cellular Biology
51     VOLUME: 5
52     PAGES: 1408-1414
53     DATE: 1985
54     RELEVANT RESIDUES IN SEQ ID NO: 61 :FROM 1 TO 15
55     US-08-173-489C-61
56
57     Query Match      0.2%; Score 13.4; DB 1; Length 15;
58     Best Local Similarity 93.3%; Pred. NO.1.5e+03;
59     Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
60
61     QY      4012 AAATGAGAAAAAG 4026
62           |||||
63           |||||
64           |||||
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97           |||||
98           |||||
99           |||||
100          1 AAATGAAAAAAG 15
101
102     RESULT 2804
103     US-07-923-871C-20
104     ; Sequence 20, Application US/07923871C
105     ; Patent No. 5912117
106     ; GENERAL INFORMATION:
107     ; APPLICANT: White Ph.D, Thomas J.
108     ; APPLICANT: Dodge, Deborah B.
109     ; TITLE OF INVENTION: Method for Diagnosis of Lyme Disease
110

```

```

NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSER: Hoffmann-La Roche Inc.
STREET: 340 Kingsland Street
City: Nutley
STATE: NJ
COUNTRY: USA
ZIP: 07110-1199

COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/923,871C

FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 489,676
FILING DATE: 07-MAR-1990
ATTORNEY/AGENT INFORMATION:
NAME: Petry, Douglas A.
REGISTRATION NUMBER: 35,321
REFERENCE/DOCKET NUMBER: 8697
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2974
TELEFAX: (510) 814-2977
TELEX:
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-07-923-871C-20

Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6286 GTGCTACACTGGCCT 6300
      |||||
Db 1 GTGCTACACTGGCCT 15

RESULT 2805
US-08-874-266-7/C
; Sequence 7, Application US/08874266
; Patent No. 5955279
; GENERAL INFORMATION:
; APPLICANT: Gatlif, Richard A.
; TITLE OF INVENTION: ARAXIA-TELANGICTASIA.MUTATIONS IN THE ATM GENE
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Knobbe, Martens, Olson and Bear
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/874,266
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:

```

```

1 APPLICATION NUMBER:
2 FILING DATE:
3 ATTORNEY/AGENT INFORMATION:
4 NAME: Ways Veneko, Nancy
5 REGISTRATION NUMBER: 36,298
6 REFERENCE/DOCKET NUMBER: UCLIA006.006A
7 TELECOMMUNICATION INFORMATION:
8 TELEPHONE: 619-235-8550
9 TELEFAX: 619-235-0176
10
11 INFORMATION FOR SEQ ID NO: 7:
12 SEQUENCE CHARACTERISTICS:
13 LENGTH: 15 base pairs
14 TYPE: nucleic acid
15 STRANDEDNESS: single
16 TOPOLOGY: linear
17 MOLECULE TYPE: Other
18
19 US-08-874-266-7
20
21 Query Match 0.2%; Score 13.4; DB 1; Length 15;
22 Best Local Similarity 93.3%; Pred. No. 1,5e+03;
23 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0.
24
25 Oy 5845 GCAATGATCCACTG 5859
26 ||||| |||||
27 Db 15 GCAATGTCCTCACTG 1
28
29 RESULT 2806
30 US-08-893-204C-2
31 Sequence 2, Application US/08893204C
32 Patent No. 6043044
33 GENERAL INFORMATION:
34 APPLICANT: Hudson, Perry B.
35 APPLICANT: Hakky, Said I.
36 APPLICANT: Meyer-Siegler, Katherine
37 APPLICANT: Hakki, A-Hamid
38 TITLE OF INVENTION: DIAGNOSTIC AND PROGNOSTIC MARKER
39 TITLE OF INVENTION: FOR METASTATIC ADEMOCARCINOMA
40 NUMBER OF SEQUENCES: 2
41 CORRESPONDENCE ADDRESS:
42 ADDRESSEE: Rosenberg, Klein & Bilker
43 STREET: 3444 Ellicott Center Drive, Suite 105
44 CITY: Ellicott City
45 STATE: Maryland
46 COUNTRY: U.S.A.
47 ZIP: 21043
48
49 COMPUTER READABLE FORM:
50 MEDIUM TYPE: Diskette, 3.50 inches,
51 MEDIUM TYPE: 1.44MB storage
52 COMPUTER: IBM
53 OPERATING SYSTEM: Windows 95
54 SOFTWARE: Wordperfect for Windows 7.0
55 CURRENT APPLICATION DATA:
56 APPLICATION NUMBER: US/08/893,204C
57 FILING DATE: 7/15/97
58 CLASSIFICATION:
59 ATTORNEY/AGENT INFORMATION:
60 NAME: Rosenberg, Morton
61 REGISTRATION NUMBER: 26,049
62 REFERENCE/DOCKET NUMBER: WR493-5
63 TELECOMMUNICATION INFORMATION:
64 TELEPHONE: (410) 465-6678
65 TELEFAX: (410) 461-3067
66 INFORMATION FOR SEQ ID NO: 2:
67 SEQUENCE CHARACTERISTICS:
68 LENGTH: 15 base pairs
69 TYPE: nucleic acid
70 STRANDEDNESS: single
71 TOPOLOGY: linear
72 MOLECULE TYPE: DNA
73 HYPOTHETICAL: yes
74 ANTI-SENSE: no

```

```

ORIGINAL SOURCE: synthetic
PUBLICATION INFORMATION:
AUTHORS: Katherine Meyer-Siegler
AUTHORS: Perry Hudson
TITLE: Enhanced Expression of Macrophage Migration
TITLE: Inhibitory Factor in Prostatic Adenocarcinoma Metastases
JOURNAL: Urology
VOLUME: 48
ISSUE: 3
PAGES: 448-452
DATE: 1996
RELEVANT RESIDUES IN SEQ ID NO: 2: FROM 1 TO 15
US-08-693-204C-2

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY      4464 TTTTTTTTTTTTTT 4478
Db      1 TTTTTTTTTTTCT 15

RESULT 2807
US-08-832-021-26
Sequence 26, Application US/08832021
Patent No. 6045398
GENERAL INFORMATION:
APPLICANT: Combates, N.
APPLICANT: Pardinas, J.
APPLICANT: Parimoo, S.
APPLICANT: Prouty, S.
APPLICANT: Steinh, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 26
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-832-021-26

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY      4472 TTTTTTTTTTGTGTC 4486
Db      1 TTTTTTTTTTTGAC 15

RESULT 2808
US-08-832-021-38
Sequence 38, Application US/08832021
Patent No. 6045398
GENERAL INFORMATION:
APPLICANT: Combates, N.
APPLICANT: Pardinas, J.
APPLICANT: Parimoo, S.
APPLICANT: Prouty, S.
APPLICANT: Steinh, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 38

```

```
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-832-021-38
```

```
Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 4472 TTTTGTTCGTC 4486
      |||||
Db 1 TTTTGTTCGTC 15
```

```
RESULT 2809
; Sequence 44, Application US/08832021
; Patent No. 6045998
; GENERAL INFORMATION:
; APPLICANT: Combates, N.
; APPLICANT: Pardinas, J.
; APPLICANT: Parimoo, S.
; APPLICANT: Prouty, S.
; APPLICANT: Stem, K.
; TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
; FILE REFERENCE: JBP-382
; CURRENT APPLICATION NUMBER: US/08/832,021
; CURRENT FILING DATE: 1997-04-02
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 44
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-832-021-44
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```
Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 4471 TTTTGTTCGTC 4485
      |||||
Db 1 TTTTGTTCGTC 15
```

```
RESULT 2810
; Sequence 48, Application US/08832021
; Patent No. 6045998
; GENERAL INFORMATION:
; APPLICANT: Combates, N.
; APPLICANT: Pardinas, J.
; APPLICANT: Parimoo, S.
; APPLICANT: Prouty, S.
; APPLICANT: Stem, K.
; TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
; FILE REFERENCE: JBP-382
; CURRENT APPLICATION NUMBER: US/08/832,021
; CURRENT FILING DATE: 1997-04-02
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 48
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-832-021-48
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```
Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 4471 TTTTGTTCGTC 4485
      |||||
Db 1 TTTTGTTCGTC 15
```

```
RESULT 2811
; Sequence 50, Application US/08832021
; Patent No. 6045998
; GENERAL INFORMATION:
; APPLICANT: Combates, N.
; APPLICANT: Pardinas, J.
; APPLICANT: Parimoo, S.
; APPLICANT: Prouty, S.
; APPLICANT: Stem, K.
; TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
; FILE REFERENCE: JBP-382
; CURRENT APPLICATION NUMBER: US/08/832,021
; CURRENT FILING DATE: 1997-04-02
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 50
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-832-021-50
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```
Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 4472 TTTTGTTCGTC 4486
      |||||
Db 1 TTTTGTTCGTC 15
```

```
RESULT 2812
; Sequence 52, Application US/08832021
; Patent No. 6045998
; GENERAL INFORMATION:
; APPLICANT: Combates, N.
; APPLICANT: Pardinas, J.
; APPLICANT: Parimoo, S.
; APPLICANT: Prouty, S.
; APPLICANT: Stem, K.
; TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
; FILE REFERENCE: JBP-382
; CURRENT APPLICATION NUMBER: US/08/832,021
; CURRENT FILING DATE: 1997-04-02
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 52
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-832-021-52
```

```
Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 4471 TTTTGTTCGTC 4485
      |||||
Db 1 TTTTGTTCGTC 15
```

```
RESULT 2813
US-08-832-021-54
; Sequence 54, Application US/08832021
; Patent No. 6045998
; GENERAL INFORMATION:
; APPLICANT: Combates, N.
; APPLICANT: Pardinas, J.
; APPLICANT: Parimoo, S.
; APPLICANT: Protuy, S.
; APPLICANT: Stenn, K.
; TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
; FILE REFERENCE: JBP-382
; CURRENT APPLICATION NUMBER: US/08/832,021
; CURRENT FILING DATE: 1997-04-02
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 54
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-832-021-54

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4472 TTTTTCCTGTC 4486
DB 1 TTTTTCCTGTC 15

RESULT 2814
US-08-832-021-55
; Sequence 55, Application US/08832021
; Patent No. 6045998
; GENERAL INFORMATION:
; APPLICANT: Combates, N.
; APPLICANT: Pardinas, J.
; APPLICANT: Parimoo, S.
; APPLICANT: Protuy, S.
; APPLICANT: Stenn, K.
; TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
; FILE REFERENCE: JBP-382
; CURRENT APPLICATION NUMBER: US/08/832,021
; CURRENT FILING DATE: 1997-04-02
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 55
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-832-021-55

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4470 TTTTTCCTGTC 4484
DB 1 TTTTTCCTGTC 15

RESULT 2815
US-08-832-021-56
; Sequence 56, Application US/08832021
; Patent No. 6045998
; GENERAL INFORMATION:
; APPLICANT: Combates, N.
; APPLICANT: Pardinas, J.
; APPLICANT: Parimoo, S.
; APPLICANT: Protuy, S.
; APPLICANT: Stenn, K.
; TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
; FILE REFERENCE: JBP-382
; CURRENT APPLICATION NUMBER: US/08/832,021
; CURRENT FILING DATE: 1997-04-02
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 56
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-832-021-56

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4464 TTTTTCCTGTC 4478
DB 1 TTTTTCCTGTC 15

RESULT 2816
US-08-832-021-58
; Sequence 58, Application US/08832021
; Patent No. 6045998
; GENERAL INFORMATION:
; APPLICANT: Combates, N.
; APPLICANT: Pardinas, J.
; APPLICANT: Parimoo, S.
; APPLICANT: Protuy, S.
; APPLICANT: Stenn, K.
; TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
; FILE REFERENCE: JBP-382
; CURRENT APPLICATION NUMBER: US/08/832,021
; CURRENT FILING DATE: 1997-04-02
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 58
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-832-021-58

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4472 TTTTTCCTGTC 4486
DB 1 TTTTTCCTGTC 15

RESULT 2817
US-08-832-021-59
; Sequence 59, Application US/08832021
; Patent No. 6045998
; GENERAL INFORMATION:
; APPLICANT: Combates, N.
; APPLICANT: Pardinas, J.
; APPLICANT: Parimoo, S.
; APPLICANT: Protuy, S.
; APPLICANT: Stenn, K.
; TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
; FILE REFERENCE: JBP-382
; CURRENT APPLICATION NUMBER: US/08/832,021
; CURRENT FILING DATE: 1997-04-02
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 59
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-832-021-59

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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; CURRENT APPLICATION NUMBER: US/08/832,021
; CURRENT FILING DATE: 1997-04-02
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 59
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-832-021-59

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 15;
Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4470 TTTTCTTTTCTG 4484
DB 1 TTTTCTTTTCTG 15

RESULT 2818
US-08-832-021-60
; Sequence 60, Application US/08832021
; Patent No. 6045998
; GENERAL INFORMATION:
; APPLICANT: Combates, N.
; APPLICANT: Pardinas, J.
; APPLICANT: Partimo, S.
; APPLICANT: Prouty, S.
; APPLICANT: Stem, K.
; TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
; FILE REFERENCE: JBP-382
; CURRENT APPLICATION NUMBER: US/08/832,021
; CURRENT FILING DATE: 1997-04-02
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 60
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-832-021-60

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 15;
Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4464 TTTTCTTTTCTT 4478
DB 1 TTTTCTTTTCTT 15

RESULT 2819
US-08-913-833-25/c
; Sequence 25, Application US/08913833
; Patent No. 6087093
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; APPLICANT: LOUWAGH, JOOST
; APPLICANT: ROSSAU, RODI
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED
; TITLE OF INVENTION: MUTATIONS IN THE REVERSE TRANSCRIPTASE GENE
; NUMBER OF SEQUENCES: 164
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ARNOLD, WHITE & DURKEE
; STREET: P.O. BOX 4433
; CITY: HOUSTON
; STATE: TEXAS
; COUNTRY: USA
; ZIP: 77210-4433
; COMPUTER READABLE FORM:
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; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 6.0 / ASCII text output
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/913,833
; FILING DATE: 15 Sep 1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/EP97/00211
; FILING DATE: 17 Jan 1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 96870005.4
; FILING DATE: 26 Jan 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 96870081.5
; FILING DATE: 25 Jun 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: KAMMERER, PATRICIA A.
; REGISTRATION NUMBER: 29,775
; REFERENCE/DOCKET NUMBER: INNS:008
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-913-833-25

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 15;
Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2153 TCCATCCATTC 2167
DB 15 TCCATCCATTC 1

RESULT 2820
US-09-071-845-359
; Sequence 359, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwigen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
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```

CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 359:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-071-845-359

Query Match      0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 13.3%; Pred. No. 1.5e+03;
Matches 2; Conservative 12; Mismatches 1; Indels 0; Gaps 0;

QY 4461 GACTTTT TTTT 4475
DB 1 GAUUUUUUUUUU 15

RESULT 2821
US-09-180-437-104
Sequence 104, Application US/09180437
Patent No. 6251873
GENERAL INFORMATION:
APPLICANT: FUKUSAKO, Shioji
APPLICANT: MORISAWA, Yoshifumi
APPLICANT: KUSUYAMA, Takeshi
TITLE OF INVENTION: Antisense Compounds to CD14
FILE REFERENCE: 1110-209P
CURRENT APPLICATION NUMBER: US/09/180,437
EARLIER FILING DATE: 1998-11-06
EARLIER APPLICATION NUMBER: PCT/J98/00953
EARLIER FILING DATE: 1998-03-09
EARLIER APPLICATION NUMBER: 09-053518 JAPAN
NUMBER OF SEQ ID NOS: 289
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 104
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Description of Artificial Sequence: other nucleic
US-09-180-437-104

Query Match      0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7414 AGCAGCAGCAGC 7428
DB 1 AGCAGCAGCAGC 15

RESULT 2822
US-09-054-832-28
Sequence 28, Application US/09054832
Patent No. 6312894
```

```

GENERAL INFORMATION:
APPLICANT: Meyer, Rich
TITLE OF INVENTION: IMPROVED HYBRIDIZATION AND
TITLE OF INVENTION: MISMATCH DISCRIMINATION USING OLIGONUCLEOTIDES
TITLE OF INVENTION: CONJUGATED TO MINOR GROOVE BINDERS
NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
ADDRESSER: MORRISON & FOERSTER
STREET: 755 PAGE MILL ROAD
CITY: PALO ALTO
STATE: CA
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/054,832
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/415,370
FILING DATE: 03-APR-1995
ATTORNEY/AGENT INFORMATION:
NAME: Brennan, Sean M
REGISTRATION NUMBER: 39,917
REFERENCE/DOCKET NUMBER: 34469-20004.20
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-813-5600
TELEFAX: 650-494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-054-832-28

Query Match      0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 121 GGGATCCCGAGCAGC 135
DB 1 GGGTCCCGAGCAGC 15

RESULT 2823
US-09-580-794C-25/c
Sequence 25, Application US/09580794C
Patent No. 631389
GENERAL INFORMATION:
APPLICANT: Stuyver, Lieven
APPLICANT: Louwaghe, Joost
APPLICANT: Rosseau, Rudi
TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE
TITLE OF INVENTION: TRANSCRIPTASE GENE
FILE REFERENCE: INNS008--2
CURRENT APPLICATION NUMBER: US/09/580,794C
CURRENT FILING DATE: 2000-05-30
PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093
PRIOR FILING DATE: 1997-09-15
PRIOR APPLICATION NUMBER: PCT/EP 97/00211
PRIOR FILING DATE: 1997-01-17
PRIOR APPLICATION NUMBER: EP 96870005.4
PRIOR FILING DATE: 1996-01-26
PRIOR APPLICATION NUMBER: EP 96870081.5
PRIOR FILING DATE: 1996-06-25
NUMBER OF SEQ ID NOS: 164
SOFTWARE: PatentIn version 3.0
```

SEQ ID NO 25
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Synthetic Primer
US-09-580-794C-25

Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2153 TCCTCATCCATCT 2167
DB 15 TCCTCTCCAAATCT 1

RESULT 2824
US-09-081-646-207/C
Sequence 207, Application US/09081646
Patent No. 6333152
GENERAL INFORMATION:
APPLICANT: Kinzler, Kenneth
APPLICANT: Vogelstein, Bert
APPLICANT: Zhang, Lin
APPLICANT: Zhou, Wei
TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
FILE REFERENCE: 01107.74664
CURRENT APPLICATION NUMBER: US/09/081,646
CURRENT FILING DATE: 1998-05-20
EARLIER APPLICATION NUMBER: 60/047,352
EARLIER FILING DATE: 1997-05-21
NUMBER OF SEQ ID NOS: 871
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 207
LENGTH: 15
TYPE: DNA
ORGANISM: Homo sapiens
US-09-081-646-207

Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6861 TTCTCCCTGGCAGG 6875
DB 15 TTCTCCCTGGCAGG 1

RESULT 2825
US-09-081-646-788/C
Sequence 788, Application US/09081646
Patent No. 6333152
GENERAL INFORMATION:
APPLICANT: Kinzler, Kenneth
APPLICANT: Vogelstein, Bert
APPLICANT: Zhang, Lin
APPLICANT: Zhou, Wei
TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
FILE REFERENCE: 01107.74664
CURRENT APPLICATION NUMBER: US/09/081,646
CURRENT FILING DATE: 1998-05-20
EARLIER APPLICATION NUMBER: 60/047,352
EARLIER FILING DATE: 1997-05-21
NUMBER OF SEQ ID NOS: 871
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 788
LENGTH: 15
TYPE: DNA
ORGANISM: Homo sapiens
US-09-081-646-788

Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6861 TTCTCCCTGGCAGG 6875
DB 15 TTCTCCCTGGCAGG 1

RESULT 2826
US-08-618-834C-6/C
Sequence 6, Application US/0618834C
Patent No. 6361937
GENERAL INFORMATION:
APPLICANT: Stryer, Lubert
TITLE OF INVENTION: Computer-Aided Nucleic Acid
TITLE OF INVENTION: Sequencing
NUMBER OF SEQUENCES: 54
CORRESPONDENCE ADDRESS:
ADDRESSER: Ritzer, Van Pelt & Yi LLP
STREET: 4906 El Camino Real, Suite 205
CITY: Los Altos
STATE: CA
COUNTRY: USA
ZIP: 94022
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/618,834C
FILING DATE: 19-MAR-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Ritzer, Michael J.
REGISTRATION NUMBER: 36,653
REFERENCE/DOCKET NUMBER: AEPY002
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-903-3501
TELEFAX: 650-903-3500
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-618-834C-6

Query Match 0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7150 TGGTAGTGATGTTG 7164
DB 15 TGGTAGTGATGTTG 1

RESULT 2827
US-09-031-952-7/C
Sequence 7, Application US/09031952A
Patent No. 6395476
GENERAL INFORMATION:
APPLICANT: Thomas, Howard C.
APPLICANT: Summerfield, John A.
APPLICANT: Janice, Main
TITLE OF INVENTION: METHODS OF PREDICTING THE OUTCOME OF INFECTION
FILE REFERENCE: Thomas
CURRENT APPLICATION NUMBER: US/09/031,952A

```

CURRENT FILING DATE: 1998-01-27
EARLIER APPLICATION NUMBER: 9515393.8
EARLIER FILING DATE: 1995-07-27
EARLIER APPLICATION NUMBER: 9521025.8
EARLIER FILING DATE: 1995-10-13
EARLIER APPLICATION NUMBER: 9614414.2
EARLIER FILING DATE: 1996-07-09
EARLIER APPLICATION NUMBER: PCT/GB96/01819
EARLIER FILING DATE: 1996-07-25
NUMBER OF SEQ ID NOS: 8
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO: 7
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: unknown
US-09-031-952-7

```

```

Query Match
Best Local Similarity 0.2%; Score 13.4; DB 1; Length 15;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

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QY 3931 CTTTCTCCCTTGAT 3945
Db 15 CTTTCTCCCTTGAT 1

```

```

RESULT 2828
US-09-475-947A-164
Sequence 164, Application US/09475947A
Patent No. 6472154
GENERAL INFORMATION:
APPLICANT: Warner, Harold R.
APPLICANT: Wren, Jonathan D.
TITLE OF INVENTION: Polymorphic Repeats in Human Genes
FILE REFERENCE: UTS0667
CURRENT APPLICATION NUMBER: US/09/475,947A
CURRENT FILING DATE: 1999-12-31
NUMBER OF SEQ ID NOS: 346
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO: 164
LENGTH: 15
TYPE: DNA
ORGANISM: human
US-09-475-947A-164

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```

Query Match
Best Local Similarity 0.2%; Score 13.4; DB 1; Length 15;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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```

QY 4464 TTTTCTTTTCTTTT 4478
Db 1 TTTTCTTTTCTTTT 15

```

```

RESULT 2829
US-09-640-953-28
Sequence 28, Application US/09640953
Patent No. 6492346
GENERAL INFORMATION:
APPLICANT: Meyer, Rich
TITLE OF INVENTION: IMPROVED HYBRIDIZATION AND
MISMATCH DISCRIMINATION USING OLIGONUCLEOTIDES
CONJUGATED TO MINOR GROOVE BINDERS
NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
ADDRESSER: MORRISON & FORSTER
STREET: 755 PAGE MILL ROAD
CITY: PALO ALTO
STATE: CA
COUNTRY: USA

```

```

ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/640,953
FILING DATE: 16-Aug-2000
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/054,832
FILING DATE: 03-APR-1998
APPLICATION NUMBER: 08/415,370
FILING DATE: 03-APR-1995
ATTORNEY/AGENT INFORMATION:
NAME: Brennan, Sean M
REGISTRATION NUMBER: 39,917
REFERENCE/DOCKET NUMBER: 34469-20004.20
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-813-5600
TELEFAX: 650-494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 28:
US-09-640-953-28

```

```

Query Match
Best Local Similarity 0.2%; Score 13.4; DB 1; Length 15;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 121 GGGATCCCGAGCAGC 135
Db 1 GGGATCCCGAGCAGC 15

```

```

RESULT 2830
US-09-491-356C-19
Sequence 19, Application US/09491356C
Patent No. 6566061
GENERAL INFORMATION:
APPLICANT: Philibert, Robert A.
APPLICANT: Gims, Edward I.
APPLICANT: Deliel, Lynn
TITLE OF INVENTION: IDENTIFICATION OF POLYMORPHISMS IN THE PCTG4 REGION OF XQ13
FILE REFERENCE: 9465.GUS11
CURRENT APPLICATION NUMBER: US/09/491,356C
CURRENT FILING DATE: 2000-01-26
PRIOR APPLICATION NUMBER: PCT/US99/09365
PRIOR FILING DATE: 1999-04-29
PRIOR APPLICATION NUMBER: 60/083,465
PRIOR FILING DATE: 1998-04-29
NUMBER OF SEQ ID NOS: 24
SOFTWARE: Patentin version 3.1
SEQ ID NO: 19
LENGTH: 15
TYPE: DNA
ORGANISM: Homo sapiens
US-09-491-356C-19

```

```

Query Match
Best Local Similarity 0.2%; Score 13.4; DB 1; Length 15;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 7413 CAGCAGCAGCAGCAG 7427
Db 1 CAGCAGCAGCAGCAG 15

```

```
RESULT 2831
PCT-US91-01574-20
; Sequence 20, Application PC/TUS9101574
; GENERAL INFORMATION:
; APPLICANT: White Ph.D, Thomas J.
; APPLICANT: Dodge, Deborah E.
; TITLE OF INVENTION: Method for Diagnosis of Lyme Disease
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cetus Corporation
; STREET: 1400 Fifty-Third Street
; CITY: Emeryville
; STATE: CA
; COUNTRY: USA
; ZIP: 94608
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/01574
; FILING DATE: 19910307
; CLASSIFICATION: 435
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: US 489,676
; FILING DATE: 07-MAR-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Kaster, Kevin R.
; REGISTRATION NUMBER: 32,704
; REFERENCE/DOCKET NUMBER: 2536.1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 420-9444
; TELEFAX: (415) 658-5239
; TELEX: 4992659
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; PCT-US91-01574-20

Query Match          0.2%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 1.5e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6286 GTGCTACTGGCT 6300
DB      1 GTGCTCAATGGCT 15
|||||
|||||

RESULT 2832
US-08-753-147-188
; Sequence 188, Application US/08753147
; Patent No. 5770372
; GENERAL INFORMATION:
; APPLICANT: Concannon, Patrick
; TITLE OF INVENTION: Detection of Mutations in the Human ATM Gene
; NUMBER OF SEQUENCES: 196
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Christensen O'Connor Johnson and Kindness
; STREET: 1420 5th Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98101-2347
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
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; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/753,147
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sheiness, Diana K.
; REGISTRATION NUMBER: 35,356
; REFERENCE/DOCKET NUMBER: VMRC-1-9714
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 743-4387
; TELEFAX: (206) 224 0779
; INFORMATION FOR SEQ ID NO: 188:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; US-08-753-147-188

Query Match          0.2%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 1.7e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5343 TCTCTCGATTGGTT 5357
DB      2 TTCTCTCGATTGGTT 16
|||||
|||||

RESULT 2833
US-08-173-489C-126/C
; Sequence 126, Application US/08173489C
; Patent No. 5861244
; GENERAL INFORMATION:
; APPLICANT: WANG, C. -G.
; APPLICANT: HEPBURN, A. G.
; TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
; TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
; NUMBER OF SEQUENCES: 365
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
; STREET: 510 EAST 73RD STREET,
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10021.
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44mb storage
; COMPUTER: IBM PC/XT/AT
; OPERATING SYSTEM: MS-DOS version 6.2
; SOFTWARE: Wordperfect Version 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/173,489C
; FILING DATE: 22 DEC 1993
; CLASSIFICATION: 435
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: US 07/968,436
; FILING DATE: 29 OCT 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Handelman, Joseph H.
; REGISTRATION NUMBER: 26,179
; REFERENCE/DOCKET NUMBER: U9518-6
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (attorney) (212) 708-1880
; TELEFAX: (attorney) (212) 246-8959
; INFORMATION FOR SEQ ID NO: 126:
; SEQUENCE CHARACTERISTICS:
```

```
/ LENGTH: 16 bases
/ TYPE: nucleic acid
/ STRANDEDNESS: single stranded
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ DESCRIPTION: third strand derived from alpha-2-
/ DESCRIPTION: globin sequence region in Seq ID No. 5861244125
/ HYPOTHEITICAL: yes
/ ANTI-SENSE: no
/ PUBLICATION INFORMATION:
/ RELEVANT RESIDUES IN SEQ ID NO: 126 :FROM 1 TO 16
/ US-08-173-489C-126

Query Match          0.2%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 1.7e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3223 GGGAGGAGGAGGAGA 3237
Db      16 GGGAGGAGGAGGAGA 2

RESULT 2834
US-08-770-235A-62
/ Sequence 62, Application US/0870235A
/ Patent No. 5939538
/ GENERAL INFORMATION:
/ APPLICANT: Leavitt, Markley C.
/ APPLICANT: Tiltz, Richard
/ APPLICANT: Feng, Yu
/ APPLICANT: Barber, Jack
/ APPLICANT: Yu, Mang
/ TITLE OF INVENTION: Methods and Compositions for Inhibiting
/ TITLE OF INVENTION: HIV Infection of Cells By Cleaving HIV Co-Receptor RNA
/ NUMBER OF SEQUENCES: 77
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: Townsend and Townsend and Crew LLP
/ STREET: Two Embarcadero Center, Eighth Floor
/ CITY: San Francisco
/ STATE: California
/ COUNTRY: USA
/ ZIP: 94111-3634
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patentin Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/770.235A
/ FILING DATE: 19-DEC-1996
/ CLASSIFICATION: 536
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 60/027,875
/ FILING DATE: 25-OCT-1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: QUINE, Jonathan A.
/ REGISTRATION NUMBER: P-41,261
/ REFERENCE/DOCKET NUMBER: 016556-001610US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 576-0200
/ TELEFAX: (415) 576-0300
/ INFORMATION FOR SEQ ID NO: 62:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 16 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: RNA
/ US-08-770-235A-62

Query Match          0.2%; Score 13.4; DB 1; Length 16;
Best Local Similarity 53.3%; Pred. No. 1.7e+03;
Matches 8; Conservative 6; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1761 TATGTGATCCGTGCC 1775
Db      2 TAUDGTCAUCCUGUC 16

RESULT 2835
US-08-454-098-8
/ Sequence 8, Application US/08454098
/ Patent No. 6103521
/ GENERAL INFORMATION:
/ APPLICANT: CAPON, DANIEL J
/ APPLICANT: SMITH, DOUGLAS H
/ APPLICANT: TIAN, HUAN
/ APPLICANT: WINSLOW, GENINE A
/ APPLICANT: SIEKEVITZ, MIRIAM
/ TITLE OF INVENTION: MULTISPECIFIC CHIMERIC RECEPTORS
/ NUMBER OF SEQUENCES: 26
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: CELL GENESYS, INC.
/ STREET: 322 LAKESIDE DRIVE
/ CITY: FOSTER CITY
/ STATE: CALIFORNIA
/ COUNTRY: US
/ ZIP: 94404
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patentin Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/454,098
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/384,033
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: KRUPEN, KAREN I
/ REGISTRATION NUMBER: 34,647
/ REFERENCE/DOCKET NUMBER: CELL 18
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 358-9600 x131
/ TELEFAX: (415) 349-7392
/ INFORMATION FOR SEQ ID NO: 8:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 16 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ US-08-454-098-8

Query Match          0.2%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 1.7e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      7181 GGTGGGATGTGTGA 7195
Db      2 GGTGGGATGTGTGA 16

RESULT 2836
US-08-645-411C-1
/ Sequence 1, Application US/08645411C
/ Patent No. 6444798
/ GENERAL INFORMATION:
/ APPLICANT: Steven A. Benner
/ TITLE OF INVENTION: Chimeras of Sulfur-linked Oligonucleotide Analogs
/ NUMBER OF SEQUENCES: 11
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: Steven A. Benner
/ STREET: 1501 NW 68th Terrace
```

```
/ CITY: Gainesville
/ STATE: FL
/ COUNTRY: United States
/ ZIP: 32605
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5 inch diskette
/ COMPUTER: Apple Macintosh
/ OPERATING SYSTEM: Macintosh 7.0
/ SOFTWARE: Microsoft Word
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/645,411C
/ FILING DATE: 13-May-1996
/ CLASSIFICATION: 536/24.1
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 352 392 7773
/ TELEFAX: 352 331 0462
/ INFORMATION FOR SEQ ID NO: 1:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 16
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ ORIGINAL SOURCE:
/ SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-08-645-411C-1

Query Match          0.2%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 1.7e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6063 TTTTCTAAATCTGG 6077
DB      1 TTTTCTAGATCTGG 15

RESULT 2837
US-08-645-411C-2/c
/ Sequence 2, Application US/08645411C
/ Patent No. 6444798
/ GENERAL INFORMATION:
/ APPLICANT: Steven A. Benner
/ TITLE OF INVENTION: Chimeras of Sulfur-linked Oligonucleotide Analogs
/ NUMBER OF SEQUENCES: 11
/ CORRESPONDENCE ADDRESSES:
/ ADDRESSEE: Steven A. Benner
/ STREET: 1501 NW 68th Terrace
/ CITY: Gainesville
/ STATE: FL
/ COUNTRY: United States
/ ZIP: 32605
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5 inch diskette
/ COMPUTER: Apple Macintosh
/ OPERATING SYSTEM: Macintosh 7.0
/ SOFTWARE: Microsoft Word
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/645,411C
/ FILING DATE: 13-May-1996
/ CLASSIFICATION: 536/24.1
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 352 392 7773
/ TELEFAX: 352 331 0462
/ INFORMATION FOR SEQ ID NO: 2:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 16
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ ORIGINAL SOURCE:
/ SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-08-645-411C-2
```

```
Query Match          0.2%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 1.7e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6063 TTTTCTAAATCTGG 6077
DB      16 TTTTCTAGATCTGG 2

RESULT 2838
US-08-645-411C-6
/ Sequence 6, Application US/08645411C
/ Patent No. 6444798
/ GENERAL INFORMATION:
/ APPLICANT: Steven A. Benner
/ TITLE OF INVENTION: Chimeras of Sulfur-linked Oligonucleotide Analogs
/ NUMBER OF SEQUENCES: 11
/ CORRESPONDENCE ADDRESSES:
/ ADDRESSEE: Steven A. Benner
/ STREET: 1501 NW 68th Terrace
/ CITY: Gainesville
/ STATE: FL
/ COUNTRY: United States
/ ZIP: 32605
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5 inch diskette
/ COMPUTER: Apple Macintosh
/ OPERATING SYSTEM: Macintosh 7.0
/ SOFTWARE: Microsoft Word
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/645,411C
/ FILING DATE: 13-May-1996
/ CLASSIFICATION: 536/24.1
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 352 392 7773
/ TELEFAX: 352 331 0462
/ INFORMATION FOR SEQ ID NO: 6:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 16
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ ORIGINAL SOURCE:
/ SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-08-645-411C-6

Query Match          0.2%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 1.7e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6063 TTTTCTAAATCTGG 6077
DB      1 TTTTCTAGATCTGG 15

RESULT 2839
US-08-645-411C-7
/ Sequence 7, Application US/08645411C
/ Patent No. 6444798
/ GENERAL INFORMATION:
/ APPLICANT: Steven A. Benner
/ TITLE OF INVENTION: Chimeras of Sulfur-linked Oligonucleotide Analogs
/ NUMBER OF SEQUENCES: 11
/ CORRESPONDENCE ADDRESSES:
/ ADDRESSEE: Steven A. Benner
/ STREET: 1501 NW 68th Terrace
/ CITY: Gainesville
/ STATE: FL
/ COUNTRY: United States
/ ZIP: 32605
/ COMPUTER READABLE FORM:
```

MEDIUM TYPE: 3.5 inch diskette
COMPUTER: Apple Macintosh
OPERATING SYSTEM: Macintosh 7.0
SOFTWARE: Microsoft Word
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/645,411C
FILING DATE: 13-May-1996
CLASSIFICATION: 536/24.1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 352 392 7773
TELEFAX: 352 331 0462
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 16
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
ORIGINAL SOURCE:
SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-08-645-411C-7

Query Match 0.2%: Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 1.7e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 6063 TTTTCTAATCTGG 6077
Db 1 TTTTCTAATCTGG 15

RESULT 2840
US-08-645-411C-8
Sequence 8, Application US/08645411C
Patent No. 6444798
GENERAL INFORMATION:
APPLICANT: Steven A. Benner
TITLE OF INVENTION: Chimeras of Sulfur-linked Oligonucleotide Analogs
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: Steven A. Benner
STREET: 1501 NW 68th Terrace
CITY: Gainesville
STATE: FL
COUNTRY: United States
ZIP: 32605
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette
COMPUTER: Apple Macintosh
OPERATING SYSTEM: Macintosh 7.0
SOFTWARE: Microsoft Word
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/645,411C
FILING DATE: 13-May-1996
CLASSIFICATION: 536/24.1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 352 392 7773
TELEFAX: 352 331 0462
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 16
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
ORIGINAL SOURCE:
SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-08-645-411C-8

Query Match 0.2%: Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 1.7e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 6063 TTTTCTAATCTGG 6077
Db 1 TTTTCTAATCTGG 15

RESULT 2841
US-08-645-411C-9/C
Sequence 9, Application US/08645411C
Patent No. 6444798
GENERAL INFORMATION:
APPLICANT: Steven A. Benner
TITLE OF INVENTION: Chimeras of Sulfur-linked Oligonucleotide Analogs
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: Steven A. Benner
STREET: 1501 NW 68th Terrace
CITY: Gainesville
STATE: FL
COUNTRY: United States
ZIP: 32605
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette
COMPUTER: Apple Macintosh
OPERATING SYSTEM: Macintosh 7.0
SOFTWARE: Microsoft Word
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/645,411C
FILING DATE: 13-May-1996
CLASSIFICATION: 536/24.1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 352 392 7773
TELEFAX: 352 331 0462
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 16
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
ORIGINAL SOURCE:
SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-08-645-411C-9

Query Match 0.2%: Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 1.7e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 6063 TTTTCTAATCTGG 6077
Db 16 TTTTCTAATCTGG 2

RESULT 2842
US-09-371-772B-5982
Sequence 5982, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Payco, Pam
APPLICANT: McSwigen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Becobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
FILE REFERENCE: MBH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0

SEQ ID NO 5982
LENGTH: 16
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-5982

Query Match 0.2%; Score 13.4; DB 1; Length 16;
Best Local Similarity 66.7%; Pred. No. 1.7e+03;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 6527 ATTAGCTGCGCCATA 6541
Db 1 AADAGCUGGCGCAUA 15

RESULT 2843
US-09-479-005A-95
Sequence 95, Application US/09479005A
Patent No. 6656731
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
FILE REFERENCE: MBH00-884-C
CURRENT APPLICATION NUMBER: US/09/479,005A
PRIOR FILING DATE: 2000-01-07
PRIOR APPLICATION NUMBER: US 09/444,209
PRIOR FILING DATE: 1999-11-19
PRIOR APPLICATION NUMBER: US 09/159,274
PRIOR FILING DATE: 1998-09-22
PRIOR APPLICATION NUMBER: US 60/059,473
PRIOR FILING DATE: 1997-09-22
NUMBER OF SEQ ID NOS: 1208
SOFTWARE: PatentIn version 3.0
SEQ ID NO 95
LENGTH: 16
TYPE: RNA
ORGANISM: Homo sapiens
US-09-479-005A-95

Query Match 0.2%; Score 13.4; DB 1; Length 16;
Best Local Similarity 40.0%; Pred. No. 1.7e+03;
Matches 6; Conservative 8; Mismatches 1; Indels 0; Gaps 0;

QY 7436 CAATCTGTGTTTA 7450
Db 2 CUUUCUGUGUUUA 16

RESULT 2844
US-09-479-005A-487/C
Sequence 487, Application US/09479005A
Patent No. 6656731
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
FILE REFERENCE: MBH00-884-C
CURRENT APPLICATION NUMBER: US/09/479,005A
PRIOR FILING DATE: 2000-01-07
PRIOR APPLICATION NUMBER: US 09/444,209
PRIOR FILING DATE: 1999-11-19
PRIOR APPLICATION NUMBER: US 09/159,274
PRIOR FILING DATE: 1998-09-22
PRIOR APPLICATION NUMBER: US 60/059,473
PRIOR FILING DATE: 1997-09-22
NUMBER OF SEQ ID NOS: 1208
SOFTWARE: PatentIn version 3.0
SEQ ID NO 487
LENGTH: 16
TYPE: RNA
ORGANISM: Homo sapiens
US-09-479-005A-487

Query Match 0.2%; Score 13.4; DB 1; Length 16;

Best Local Similarity 93.3%; Pred. No. 1.7e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1519 CCGGGGAAACAGTTTC 1533
Db 16 CCGGGGAAACAGTTTC 2

RESULT 2845
PCT-US96-01600-8
Sequence 8, Application PC/TUS9601600
GENERAL INFORMATION:
APPLICANT: Capon, Daniel J.
APPLICANT: Smith, Douglas H.
APPLICANT: Tian, Huan
APPLICANT: Winslow, Genie A.
APPLICANT: Siekevitz, Miriam
TITLE OF INVENTION: Multispecific Chimeric Receptors
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/01600
FILING DATE: 06-FEB-1996
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 7639-051-228
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
PCT-US96-01600-8

Query Match 0.2%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 1.7e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7181 GGTGGGATGTGTGA 7195
Db 2 GGTGGGATGTGTGA 16

RESULT 2846
US-08-045-264A-3
Sequence 3, Application US/08045264A
Patent No. 5436131
GENERAL INFORMATION:
APPLICANT: CONDRY, JON H.
APPLICANT: GRAHAM, DONALD J.
APPLICANT: GOTLIB, LEAH
TITLE OF INVENTION: COLOR SCREENING ASSAY FOR IDENTIFYING
TITLE OF INVENTION: DRUG-RESISTANT HIV PROTEASE MUTANTS AND INHIBITORS
TITLE OF INVENTION: THEREOF.
NUMBER OF SEQUENCES: 25

;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Merck & Co., Inc.
;; STREET: PO Box 2000, 126 E. Lincoln Ave.
;; CITY: Rahway
;; STATE: New Jersey
;; COUNTRY: USA
;; ZIP: 07065
;;
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: Macintosh IIfx
;; OPERATING SYSTEM: System 7
;; SOFTWARE: Microsoft Word 5.0
;;
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/045,264A
;; FILING DATE: 02-APR-1993
;; CLASSIFICATION: 435
;; ATTORNEY/AGENT INFORMATION:
;; NAME: MEREDITH, ROY, D.
;; REGISTRATION NUMBER: 30,777
;; REFERENCE/DOCKET NUMBER: 18936
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (908) 594-4678
;; TELEFAX: (908) 594-4720
;;
;; INFORMATION FOR SEQ ID NO: 3:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 17 base pairs
;; TYPE: Nucleic Acid
;; STRANDEDNESS: Single
;; TOPOLOGY: Linear
;; MOLECULE TYPE: DNA Primer
;; HYPOTHETICAL: NO
;;
;; US-08-045-264A-3

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5723 CTTGCTGCTGCTCC 5737
Db 2 CTTGCTGCTGCTCC 16

RESULT 2847
US-08-281-940-24/C
; Sequence 24, Application US/08281940
; Patent No. 5589330
; GENERAL INFORMATION:
; APPLICANT: SHUBER, ANTHONY P.
; TITLE OF INVENTION: METHOD FOR MULTIPLE ALLELE-SPECIFIC
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DARBY & DARBY P. C.
; STREET: 805 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10022
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/281,940
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: LUDWIG, S. PETER
; REGISTRATION NUMBER: 25351
; REFERENCE/DOCKET NUMBER: 0372/09696
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212/527-7700

;; TELEFAX: 212/753-6237
;;
;; INFORMATION FOR SEQ ID NO: 24:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 17 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: cDNA
;; ORIGINAL SOURCE:
;; ORGANISM: Homo sapien
;; IMMEDIATE SOURCE:
;; CLONE: 2184dAM
;;
;; US-08-281-940-24

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5413 AGAATATTAAGCA 5427
Db 17 AGAATATTAAGCA 3

RESULT 2848
US-08-373-124A-376/C
; Sequence 376, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McStiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Wardburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELE: 67-3510
; INFORMATION FOR SEQ ID NO: 376:
; SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-376

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5832 TCTCTGATGGCTGC 5846
DB 15 TCTCTGATGGCTGC 1

RESULT 2849
US-08-373-124A-530
Sequence 530, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 530:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-530

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 1.9e+03;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 2818 AGAAGCTTTCAG 2832
DB 1 AGAAGCTTTCAG 15

RESULT 2850
US-08-373-124A-974/C
Sequence 974, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 974:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-974

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5481 TAAAGAATAATTT 5495
DB 15 TAAAGAATAATTT 1

RESULT 2851
US-08-373-124A-1421/C
Sequence 1421, Application US/08373124A

```
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1421:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-1421

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. NO. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy 5832 TCTCGATGCGCTGC 5846
Db 15 TCTCGATGCGCTGC 1

RESULT 2852
US-08-373-124A-1969
Sequence 1969, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
```

```
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1969:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-1969

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. NO. 1.9e+03;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Cy 3482 GTAATACCTAAGCA 3496
Db 1 GUAUACUUAUGCA 15

RESULT 2853
US-08-373-124A-2051/C
Sequence 2051, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
```

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; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2051:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-373-124A-2051

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Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Qy      5482 AAAAAGATATTTT 5496
Db      17 AAAAATATATTTT 3

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RESULT 2854
US-08-373-124A-2055/C
; Sequence 2055, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwigen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995

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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2055:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-373-124A-2055

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Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Qy      5481 TAAAGATATTTT 5495
Db      15 TAAATATATTTT 1

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RESULT 2855
US-08-373-124A-2141
; Sequence 2141, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwigen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992

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ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2141:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-2141

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 20.0%; Pred. No. 1.9e+03;
Matches 3; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 4461 GACTTTT TTTT TTTT 4475
Db 3 GACUUUUUUUUUU 17

RESULT 2856
US-08-482-115B-30/c
Sequence 30, Application US/08482115B
Patent No. 576679
GENERAL INFORMATION:
APPLICANT: Villeponteau, Bryant
APPLICANT: Feng, Junli
APPLICANT: Funk, Walter
APPLICANT: Andrews, William H.
TITLE OF INVENTION: Assays for the RNA Component of Human
NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
ADDRESSER: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/482,115B
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/272,102
FILING DATE: 07-JUL-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/330,123
FILING DATE: 27-OCT-1994
ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 015389-000830US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA

US-08-482-115B-30

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3168 TTAGTTTGCGTTTG 3182
Db 17 TTGGCTTGGCTTG 3

RESULT 2857
US-08-327-525A-28/c
Sequence 28, Application US/08327525A
Patent No. 5795716
GENERAL INFORMATION:
APPLICANT: Chee, Mark S.
APPLICANT: Wang, Chunwei
APPLICANT: Jeyons, Luis C.
APPLICANT: Bernhart, Derek H.
APPLICANT: Lipschutz, Robert J.
TITLE OF INVENTION: Computer-Aided Visualization and
ANALYSIS System for Sequence Evaluation
NUMBER OF SEQUENCES: 39
CORRESPONDENCE ADDRESS:
ADDRESSER: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/327,525A
FILING DATE: October 21, 1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: No. 5795716v1el, Vernon A.
REGISTRATION NUMBER: 32,483
REFERENCE/DOCKET NUMBER: 16528X-82
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (oligonucleotide)
US-08-327-525A-28

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5590 ATGTGATTTGGTTT 5604
Db 15 ATGTGATTTGGTTT 1

RESULT 2858
US-08-758-306-811/c
Sequence 811, Application US/08758306
Patent No. 5807743
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwiggen, James A.

```

; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TREATMENT OF DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH
; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
; NUMBER OF SEQUENCES: 1379
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/758,306
; FILING DATE: December 3, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/132
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEEX: 67-3510
; INFORMATION FOR SEQ. ID NO: 811:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-758-306-811
;
Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4361 CCTGTGACAGGCTG 4375
Db 15 CCAGTGACAGGCTG 1

RESULT 2859
US-08-435-628-376/c
; Sequence 376, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwigen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEEX: 67-3510
; INFORMATION FOR SEQ. ID NO: 376:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-435-628-376
;
Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5832 TCTGTGATGGCTGC 5846
Db 15 TCTGTGATGGCTGC 1

RESULT 2860
US-08-435-628-530
; Sequence 530, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwigen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
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1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 530:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-530

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 1.9e+03;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 2818 AGAAGCTTCCAG 2832
DB 1 AGAAGCUCUCAG 15

RESULT 2861
US-08-435-628-974/c
Sequence 974, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124

1
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 974:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-974

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5481 TAAAGATATATTT 5495
DB 15 TAAATATATATTT 1

RESULT 2862
US-08-435-628-1421/c
Sequence 1421, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/987,132

```

; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
;   NAME: Warburg, Richard
;   REGISTRATION NUMBER: 32,327
;   REFERENCE/DOCKET NUMBER: 209/035
;   TELECOMMUNICATION INFORMATION:
;     TELEPHONE: (213) 489-1600
;     TELEFAX: (213) 955-0440
;     TELEX: 67-3510
;   INFORMATION FOR SEQ ID NO: 1421:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH: 17 base pairs
;       TYPE: nucleic acid
;       STRANDEDNESS: single
;       TOPOLOGY: linear
; US-08-435-628-1421

Query Match      0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5832 TCTCTGATGGCTGC 5846
DB      15 TCTCTGATGGCTGC 1

RESULT 2863
US-08-435-628-1969
; Sequence 1969, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
;   APPLICANT: Stinchcomb, Dan T.
;   APPLICANT: Draper, Kenneth
;   APPLICANT: McSwigen, James
;   APPLICANT: Jarvis, Thale
;   TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
;   TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
;   TITLE OF INVENTION: CANCER USING RIBOZYMES
;   NUMBER OF SEQUENCES: 2627
;   CORRESPONDENCE ADDRESS:
;     ADDRESSEE: Lyon & Lyon
;     STREET: 633 West Fifth Street
;     STREET: Suite 4700
;     CITY: Los Angeles
;     STATE: California
;     COUNTRY: U.S.A.
;     ZIP: 90071
;   COMPUTER READABLE FORM:
;     MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;     MEDIUM TYPE: storage
;     COMPUTER: IBM Compatible
;     OPERATING SYSTEM: IBM P.C. DOS 5.0
;   CURRENT APPLICATION DATA:
;     APPLICATION NUMBER: US/08/435,628
;     FILING DATE: 05-MAY-1995
;     CLASSIFICATION: 514
;   PRIOR APPLICATION DATA:
;     APPLICATION NUMBER: 08/373,124
;     FILING DATE: January 13, 1995
;     APPLICATION NUMBER: 08/245,466
;     FILING DATE: May 18, 1994
;     APPLICATION NUMBER: 08/192,943
;     FILING DATE: February 7, 1994
;     APPLICATION NUMBER: 07/987,132
;     FILING DATE: December 7, 1992
;     APPLICATION NUMBER: 07/936,422
;     FILING DATE: August 26, 1992
;     ATTORNEY/AGENT INFORMATION:
;       NAME: Warburg, Richard
;       REGISTRATION NUMBER: 32,327
```

```

; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
;   TELEPHONE: (213) 489-1600
;   TELEFAX: (213) 955-0440
;   TELEX: 67-3510
;   INFORMATION FOR SEQ ID NO: 1969:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH: 17 base pairs
;       TYPE: nucleic acid
;       STRANDEDNESS: single
;       TOPOLOGY: linear
; US-08-435-628-1969

Query Match      0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 1.9e+03;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY      3482 GGAATACCTTAAGGCA 3496
DB      1 GGAATACCTTAAGGCA 15

RESULT 2864
US-08-435-628-2051/C
; Sequence 2051, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
;   APPLICANT: Stinchcomb, Dan T.
;   APPLICANT: Draper, Kenneth
;   APPLICANT: McSwigen, James
;   APPLICANT: Jarvis, Thale
;   TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
;   TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
;   TITLE OF INVENTION: CANCER USING RIBOZYMES
;   NUMBER OF SEQUENCES: 2627
;   CORRESPONDENCE ADDRESS:
;     ADDRESSEE: Lyon & Lyon
;     STREET: 633 West Fifth Street
;     STREET: Suite 4700
;     CITY: Los Angeles
;     STATE: California
;     COUNTRY: U.S.A.
;     ZIP: 90071
;   COMPUTER READABLE FORM:
;     MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;     MEDIUM TYPE: storage
;     COMPUTER: IBM Compatible
;     OPERATING SYSTEM: IBM P.C. DOS 5.0
;   CURRENT APPLICATION DATA:
;     APPLICATION NUMBER: US/08/435,628
;     FILING DATE: 05-MAY-1995
;     CLASSIFICATION: 514
;   PRIOR APPLICATION DATA:
;     APPLICATION NUMBER: 08/373,124
;     FILING DATE: January 13, 1995
;     APPLICATION NUMBER: 08/245,466
;     FILING DATE: May 18, 1994
;     APPLICATION NUMBER: 08/192,943
;     FILING DATE: February 7, 1994
;     APPLICATION NUMBER: 07/987,132
;     FILING DATE: December 7, 1992
;     APPLICATION NUMBER: 07/936,422
;     FILING DATE: August 26, 1992
;     ATTORNEY/AGENT INFORMATION:
;       NAME: Warburg, Richard
;       REGISTRATION NUMBER: 32,327
;     REFERENCE/DOCKET NUMBER: 209/035
;     TELECOMMUNICATION INFORMATION:
;       TELEPHONE: (213) 489-1600
;       TELEFAX: (213) 955-0440
;       TELEX: 67-3510
;     INFORMATION FOR SEQ ID NO: 2051:
```


SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-2051

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5482 TAAAGATATATTTT 5496
DB 17 TAAAGATATATTTT 3

RESULT 2865
US-08-435-628-2055/C
Sequence 2055, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2055:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-2055

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5481 TAAAGATATATTTT 5495
DB 15 TAAAGATATATTTT 1

RESULT 2866
US-08-435-628-2141
Sequence 2141, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2141:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-2141
Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 20.0%; Pred. No. 1.9e+03;
Matches 3; Conservative 11; Mismatches 1; Indels 0; Gaps 0;
QY 4461 GACTTTTATTTT 4475

Db 3 GACUUUUUUUUUU 17

```

RESULT 2867
US-08-710-134-24/c
; Sequence 24, Application US/08710134
; Patent No. 5834181
; GENERAL INFORMATION:
; APPLICANT: SHUBER, ANTHONY P.
; TITLE OF INVENTION: HIGH THROUGHPUT SCREENING METHOD FOR
; TITLE OF INVENTION: SEQUENCES OR GENETIC ALTERATIONS IN NUCLEIC ACIDS
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Genzyme Corporation
; STREET: One Mountain Road
; CITY: Framingham
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 01701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/710,134
; FILING DATE: 13-SEP-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Dugan, Deborah A.
; REGISTRATION NUMBER: 37,315
; REFERENCE/DOCKET NUMBER: IGS-8.1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 508-872-8400
; TELEFAX: 508-872-5415
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Oligonucleotides"
US-08-710-134-24

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TLEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1888:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-292-620A-1888

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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```

QY 5021 TCTGGAGAGGAGGAG 5035
Db 17 TGTGGAGAGGAGGAG 3

RESULT 2869
US-08-292-620A-1912/c
; Sequence 1912, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:

```

```

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 955-0460
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1912:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-1912

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Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 5021 TCTGGAGAGAGCG 5035
Db 17 TGTGGAGAGAGCG 3

```

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RESULT 2870
US-08-485-885-24/c
Sequence 24, Application US/08485885
Patent No. 5849483
GENERAL INFORMATION:
APPLICANT: SHUBER, ANTHONY P.
TITLE OF INVENTION: HIGH THROUGHPUT SCREENING METHOD FOR
NUMBER OF SEQUENCES: 65
SEQUENCES OR GENETIC ALTERATIONS IN NUCLEIC ACIDS
CORRESPONDENCE ADDRESS:
ADDRESSER: Genzyme Corporation
STREET: One Mountain Road
CITY: Framingham
STATE: Massachusetts
COUNTRY: USA
ZIP: 01701
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/485,885
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Dugan, Deborah A.
REGISTRATION NUMBER: 37,315
REFERENCE/DOCKET NUMBER: GEN4-12.1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 508-872-8400
TELEFAX: 508-872-5415

```

```

INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "Oligonucleotides"
US-08-485-885-24

```

```

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 5413 AGAATGAAAGCA 5427
Db 17 AGAATGAAAGCA 3

```

```

RESULT 2871
US-08-173-489C-95
Sequence 95, Application US/08173489C
Patent No. 5861244
GENERAL INFORMATION:
APPLICANT: WANG, C.-G.
APPLICANT: HERBURN, A. G.
TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
NUMBER OF SEQUENCES: 365
CORRESPONDENCE ADDRESS:
ADDRESSER: PROFILE DIAGNOSTIC SCIENCES, INC.,
STREET: 510 EAST 73RD STREET,
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10021.
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44MB storage
COMPUTER: IBM PC/XT/AT
OPERATING SYSTEM: MS-DOS version 6.2
SOFTWARE: Wordperfect Version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/173,489C
FILING DATE: 22 DEC 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/968,436
FILING DATE: 29 OCT 1992
ATTORNEY/AGENT INFORMATION:
NAME: Handelsman, Joseph H.
REGISTRATION NUMBER: 26,179
REFERENCE/DOCKET NUMBER: U9518-6
TELECOMMUNICATION INFORMATION:
TELEPHONE: (attorney) (212) 708-1880
TELEFAX: (attorney) (212) 246-8959
INFORMATION FOR SEQ ID NO: 95:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: double stranded
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
DESCRIPTION: superoxide dismutase gene (accession #
J02947) nucleotides 1212 to 1228
HYPOTHETICAL: no
ANTI-SENSE: no
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
POSITION IN GENOME:
CHROMOSOME/SEGMENT: chromosome 21
MAP POSITION: 21q22.1
PUBLICATION INFORMATION:
AUTHORS: Hjaltason, K, Marklund, S L,

```

AUTHORS: Engstrom, A, Edlund, T.
TITLE: Isolation and sequence of
TITLE: complementary dna encoding human extracellular-
TITLE: superoxide dismutase
JOURNAL: Proceedings of the National Academy of
Sciences, USA
VOLUME: 84
PAGES: 6340-6344
DATE: 1987
RELEVANT RESIDUES IN SEQ ID NO: 95 :FROM 1 TO 17
US-08-173-489C-95

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2998 CCCCCACCCCTCACC 3012
Db 3 CCCCCACCCCTCACC 17

RESULT 2872
US-07-923-871C-7
Sequence 7, Application US/07923871C
Patent No. 5912117
GENERAL INFORMATION:
APPLICANT: White Ph.D, Thomas J.
APPLICANT: Dodge, Deborah E.
TITLE OF INVENTION: Method for diagnosis of Lyme Disease
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSER: Hoffmann-La Roche Inc.
STREET: 340 Kingsland Street
CITY: Nutley
STATE: NJ
COUNTRY: USA
ZIP: 07110-1199
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/923,871C
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 489,676
FILING DATE: 07-MAR-1990
ATTORNEY/AGENT INFORMATION:
NAME: Petry, Douglas A.
REGISTRATION NUMBER: 35,321
REFERENCE/DOCKET NUMBER: 8697
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2974
TELEFAX: (510) 814-2977
TELEX:
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-07-923-871C-7

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6286 GTGCTACATGGCCT 6300

Db 2 GTGCTACATGGCCT 16

RESULT 2873
US-08-472-802C-33/C
Sequence 33, Application US/08472802C
Patent No. 5958680
GENERAL INFORMATION:
APPLICANT: Villeponteau, Bryant
APPLICANT: Peng, Junli
TITLE OF INVENTION: Mammalian Telomerase
NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESS:
ADDRESSER: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/472,802C
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/272,102
FILING DATE: 07-JUL-1994
APPLICATION DATA:
APPLICATION NUMBER: US 08/330,123
FILING DATE: 27-OCT-1994
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 15389-000820
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-472-802C-33

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3168 TTAGGTTGGGTTTG 3182
Db 17 TTGGGTTTGGGTTTG 3

RESULT 2874
US-08-531-137B-28/C
Sequence 28, Application US/08531137B
Patent No. 5974164
GENERAL INFORMATION:
APPLICANT: Chee, Mark S.
TITLE OF INVENTION: Computer-Aided Visualization and
TITLE OF INVENTION: Analysis System for Sequence Evaluation
PATENT NO. 5974164
NUMBER OF SEQUENCES: 39
CORRESPONDENCE ADDRESS:
ADDRESSER: Ritter, Van Pelt & Yi LLP

STREET: 4906 El Camino Real, Suite 205
CITY: Los Altos
STATE: California
COUNTRY: USA
ZIP: 94022
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/531,137B
FILING DATE: October 16, 1995
CLASSIFICATION: 382
ATTORNEY/AGENT INFORMATION:
NAME: Ritzer, Michael J.
REGISTRATION NUMBER: 36,653
REFERENCE/DOCKET NUMBER: APTP006
TELEPHONE: 650-903-3500
TELEFAX: 650-903-3501
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (oligonucleotide)
US-08-531-137B-28

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5590 ATGTGATTGGTTT 5604
DB 15 ATGTGATTGGTTT 1

RESULT 2875
US-08-825-487A-95/C
Sequence 95, Application US/08825487A
Patent No. 6048689
GENERAL INFORMATION:
APPLICANT: Murphy, Patricia D.
APPLICANT: White, Marga B.
TITLE OF INVENTION: METHODS FOR IDENTIFYING VARIATIONS IN POLYNUCLEOTIDE SEQUENCE
NUMBER OF SEQUENCES: 110
CORRESPONDENCE ADDRESS:
ADDRESSEE: Howrey & Simon
STREET: 1299 Pennsylvania Avenue., N.W.
CITY: Washington,
STATE: DC
COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/825,487A
FILING DATE: 28-MAR-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US98/060002
FILING DATE: 26-Mar-1998
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Albert P. Halluin
REGISTRATION NUMBER: 25,227
REFERENCE/DOCKET NUMBER: 05371.0012.999
TELECOMMUNICATION INFORMATION:

TELEPHONE: 650-463-8100
TELEFAX: 650-463-8400
INFORMATION FOR SEQ ID NO: 95:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other
FEATURE:
NAME/KEY: Other
LOCATION: 1...17
OTHER INFORMATION: BRCA1 ASO 11361nsA-Mutant
US-08-825-487A-95

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6462 TACTTTTCTCTG 6476
DB 15 TACTTTTCTCTG 1

RESULT 2876
US-08-985-162-116
Sequence 116, Application US/08985162
Patent No. 6057156
GENERAL INFORMATION:
APPLICANT: Akhtar, Saghir
APPLICANT: Fell, Patricia
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
NUMBER OF SEQUENCES: 1877
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/985,162
FILING DATE: 04 December 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,337
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 116:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-985-162-116

Query Match	0.2%	Score 13.4;	DB 1;	Length 17;
Best Local Similarity	73.3%;	Pred. No. 1.9e+03;		
Matches 11; Conservative	3;	Mismatches 1;	Indels 0;	Gaps 0;

QY	398	ATAAGTGTCCCCGTA	412
		: :	
Db	1	AGAAGUGUCCCCGUA	15

RESULT 2877
US-08-985-162-617

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1  GENERAL INFORMATION:
2  APPLICANT: Akhtar, Saghir
3  APPLICANT: Felli, Patricia
4  APPLICANT: MCSwiggan, James
5  TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
6  TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATE
7  TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
8  TITLE OF INVENTION: FACTOR RECEPTORS
9  NUMBER OF SEQUENCES: 1877
10 CORRESPONDENCE ADDRESS:

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Query Match	0.2%	Score 13.4	DB 1	Length 17
Best Local	Similarity 60.0%	Pred. No. 1.9e+03		
Matches	9	Conservative	5	Mismatches 1
				Indels 0
				Gaps 0

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QY      5248 ATTCAACGAGCATTTG 5262
      ||::||| |||:::|
Db      3  AUTCACGAGCAUUG 17
```

RESULT 2878
US-08-998-099-134
; Sequence 134, Application US/08998099A
; Patent No. 6103890

GENERAL INFORMATION:
APPLICANT: JARVIS, THALE
APPLICANT: MCSWIGGEN, JAMES A.
APPLICANT: STINCHEMB, DAN T.
TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT OF DISEASES
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS

Query Match	0.2%	Score 13.4	DB 1	Length 17
Best Local Similarity	73.3%	Pred. No. 1.9e+03		
Matches 11, Conservative	3	Mismatches 1	Indels 0	Gaps 0

Qy	3382	CTCCTCCCCCAGCTG	3396
		: : : : : :	
Db	3	CTCCUCCCCCAGCTG	17

RESULT 2879
US-09-071-845-1888/c
; Sequence 1888, Application US/09071845
; Patent No. 6132967

```
ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
;
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1888:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-09-071-845-1888

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy      5021 TCTGGAGAGGAGCG 5035
Db      17 TGTGGAGAGGCG 3

RESULT 2880
US-09-071-845-1912/c
; Sequence 1912, Application US/09071845
; Patent No. 6132967
;
GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
;
COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; TELECOMMUNICATION INFORMATION:
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; INFORMATION FOR SEQ ID NO: 1845
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
;
ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
```

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TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1912:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-09-071-845-1912

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy      5021 TCTGGAGAGGAGCG 5035
Db      17 TGTGGAGAGGCG 3

RESULT 2881
US-09-158-765-28/c
; Sequence 28, Application US/09158765
; Patent No. 6242180
;
GENERAL INFORMATION:
; APPLICANT: Chee, Mark S.
; TITLE OF INVENTION: Computer-Aided Visualization and
; TITLE OF INVENTION: Analysis System for Sequence Evaluation
; NUMBER OF SEQUENCES: 39
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Ritter, Van Pelt & Yi LLP
; STREET: 4906 El Camino Real, Suite 205
; CITY: Los Altos
; STATE: California
; COUNTRY: USA
; ZIP: 94022
;
COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/158,765
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/531,137
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Ritter, Michael J.
; REGISTRATION NUMBER: 36,653
; REFERENCE/DOCKET NUMBER: APTP006
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-903-3501
; TELEFAX: 650-903-3501
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (oligonucleotide)
;
US-09-158-765-28

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy      5590 ATGTGATTGGCTT 5604
Db      15 ATGTGATTGGCTT 1

RESULT 2882
```

US-08-584-040-2187
; Sequence 2187, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwigen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2187:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-2187
Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 13.3%; Pred. No. 1.9e+03;
Matches 2; Conservative 12; Mismatches 1; Indels 0; Gaps 0;
QY 4473 TTTT TTTT TTTT GCT 4487
DB 3 UUUUUUUUUUGACU 17
RESULT 2883
US-08-584-040-2188
; Sequence 2188, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwigen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2188:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-2188

; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2188:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-2188
Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 13.3%; Pred. No. 1.9e+03;
Matches 2; Conservative 12; Mismatches 1; Indels 0; Gaps 0;
QY 4473 TTTT TTTT TTTT GCT 4487
DB 2 UUUUUUUUUUGACU 16
RESULT 2884
US-08-584-040-2189
; Sequence 2189, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwigen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2189:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-2189

MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2189:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-2189

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 13.3%; Pred. No. 1.9e+03;
Matches 2; Conservative 12; Mismatches 1; Indels 0; Gaps 0;

QY 4473 TTTTCTTTCTCT 4487
Db 1 UUUUUUUUUUACU 15

RESULT 2885
US-08-584-040-2739

Sequence 2739, Application US/08584040
Patent No. 6346398

GENERAL INFORMATION:

APPLICANT: Pavco, Pamela

APPLICANT: McSwigen, James

APPLICANT: Stinchcomb, Dan T.

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: METHOD AND REAGENT FOR THE

TITLE OF INVENTION: TREATMENT OF DISEASES OR

TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS

TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL

TITLE OF INVENTION: GROWTH FACTOR

NUMBER OF SEQUENCES: 8502

CORRESPONDENCE ADDRESS:

ADDRESSER: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/584,040

FILING DATE: January 11, 1996

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/005,974

FILING DATE: October 26, 1995

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 218/064

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 2807:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2739:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-2739

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 46.7%; Pred. No. 1.9e+03;
Matches 7; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY 3966 AATATTTCTTACTG 3980
Db 3 AAUAAUUCUUAUUG 17

RESULT 2886
US-08-584-040-2807

Sequence 2807, Application US/08584040
Patent No. 6346398

GENERAL INFORMATION:

APPLICANT: Pavco, Pamela

APPLICANT: McSwigen, James

APPLICANT: Stinchcomb, Dan T.

TITLE OF INVENTION: METHOD AND REAGENT FOR THE

TITLE OF INVENTION: TREATMENT OF DISEASES OR

TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS

TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL

TITLE OF INVENTION: GROWTH FACTOR

NUMBER OF SEQUENCES: 8502

CORRESPONDENCE ADDRESS:

ADDRESSER: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/584,040

FILING DATE: January 11, 1996

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/005,974

FILING DATE: October 26, 1995

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 218/064

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 2807:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

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/ TOPOLOGY: linear
US-08-584-040-2807

Query Match
Best Local Similarity 0.2%; Score 13.4; DB 1; Length 17;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 4030 GAAACCAAAATGTTA 4044
DB 2 GAAACCAAAATGTTA 16

RESULT 2887
US-08-584-040-5682/c
; Sequence 5682, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Payco, Pamela
; APPLICANT: McSwigen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Becobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 5682:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-5682

Query Match
Best Local Similarity 0.2%; Score 13.4; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5441 GGGCAATGACAAAGA 5455
DB 16 GGACATGACAAAGA 2

RESULT 2888
US-09-474-432B-896/c
; Sequence 896, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Belgelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adams, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 896
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-896

Query Match
Best Local Similarity 0.2%; Score 13.4; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6976 TAAACCAAAACAGA 6990
DB 15 TAAACCAAAACAGA 1

RESULT 2889
US-09-057-351-33/c
; Sequence 33, Application US/09057351
; Patent No. 6548298
; GENERAL INFORMATION:
; APPLICANT: Villaponteau, Bryant
; APPLICANT: Peng, Junli
; APPLICANT: Funk, Walter
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: Mammalian Telomerase
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/057,351
; FILING DATE: 08-APR-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/272,102
; FILING DATE: 07-JUL-1994
; PRIOR APPLICATION DATA:
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/ APPLICATION NUMBER: US 08/330,123
/ FILING DATE: 27-OCT-1994
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/472,802
/ FILING DATE: 07-JUN-1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Storella, John R.
/ REGISTRATION NUMBER: 32,944
/ REFERENCE/DOCKET NUMBER: 015389-000821US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 576-0200
/ TELEFAX: (415) 576-0300
/ INFORMATION FOR SEQ ID NO: 33:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ US-09-057-351-33
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Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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Qy 3168 TTAGTTGGGTTTG 3182
Db 17 TTGGTTGGGTTTG 3
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RESULT 2890
US-09-371-772B-732
/ Sequence 732, Application US/09371772B
/ Patent No. 6566127
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyne Pharmaceuticals, Inc.
/ APPLICANT: McSwiggen, Jim
/ APPLICANT: Pavco, Pam
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
/ TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
/ FILE REFERENCE: MBH00,876-J (237/198)
/ CURRENT APPLICATION NUMBER: US/09/371,772B
/ PRIOR FILING DATE: 1999-08-10
/ PRIOR APPLICATION NUMBER: US 60/005,974
/ PRIOR FILING DATE: 1995-10-26
/ PRIOR APPLICATION NUMBER: US 08/584,040
/ PRIOR FILING DATE: 1996-01-08
/ NUMBER OF SEQ ID NOS: 14225
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 732
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-371-772B-732
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Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 13.3%; Pred. No. 1.9e+03;
Matches 2; Conservative 12; Mismatches 1; Indels 0; Gaps 0;
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```
Qy 4473 TTTTCTTCTCT 4487
Db 3 UUUUUUUUUUGACU 17
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```
RESULT 2891
US-09-371-772B-733
/ Sequence 733, Application US/09371772B
/ Patent No. 6566127
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyne Pharmaceuticals, Inc.
/ APPLICANT: Pavco, Pam
```

```
/ APPLICANT: McSwiggen, Jim
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
/ TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
/ FILE REFERENCE: MBH00,876-J (237/198)
/ CURRENT APPLICATION NUMBER: US/09/371,772B
/ PRIOR FILING DATE: 1999-08-10
/ PRIOR APPLICATION NUMBER: US 60/005,974
/ PRIOR FILING DATE: 1995-10-26
/ PRIOR APPLICATION NUMBER: US 08/584,040
/ PRIOR FILING DATE: 1996-01-08
/ NUMBER OF SEQ ID NOS: 14225
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 733
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-371-772B-733
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Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 13.3%; Pred. No. 1.9e+03;
Matches 2; Conservative 12; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy 4473 TTTTCTTCTCT 4487
Db 2 UUUUUUUUUUGACU 16
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RESULT 2892
US-09-371-772B-734
/ Sequence 734, Application US/09371772B
/ Patent No. 6566127
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyne Pharmaceuticals, Inc.
/ APPLICANT: McSwiggen, Jim
/ APPLICANT: Pavco, Pam
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
/ TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
/ FILE REFERENCE: MBH00,876-J (237/198)
/ CURRENT APPLICATION NUMBER: US/09/371,772B
/ PRIOR FILING DATE: 1999-08-10
/ PRIOR APPLICATION NUMBER: US 60/005,974
/ PRIOR FILING DATE: 1995-10-26
/ PRIOR APPLICATION NUMBER: US 08/584,040
/ PRIOR FILING DATE: 1996-01-08
/ NUMBER OF SEQ ID NOS: 14225
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 734
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-371-772B-734
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Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 13.3%; Pred. No. 1.9e+03;
Matches 2; Conservative 12; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy 4473 TTTTCTTCTCT 4487
Db 1 UUUUUUUUUUGACU 15
```

```
RESULT 2893
US-09-371-772B-1263
/ Sequence 1263, Application US/09371772B
/ Patent No. 6566127
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyne Pharmaceuticals, Inc.
/ APPLICANT: Pavco, Pam
/ APPLICANT: McSwiggen, Jim
```

```

; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBHB00, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1263
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1263

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 46.7%; Pred. No. 1.9e+03;
Matches 7; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY      3966 AATATTCTTAAGTCTG 3980
DB      3 AAUAUUUCUAAUUG 17

RESULT 2894
US-09-371-772B-1331
; Sequence 1331, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBHB00, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1331
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1331

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 1.9e+03;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY      4030 GAAAAACAATGTGA 4044
DB      2 GAAAACUAAAUUGUA 16

RESULT 2895
US-09-371-772B-2568/C
; Sequence 2568, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
```

```

; APPLICANT: Escobedo, Jaime
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBHB00, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2568
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2568

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5441 GCGCAATGACAAAGAA 5455
DB      16 GGCACATGACAAAGAA 2

RESULT 2896
US-09-371-772B-4186
; Sequence 4186, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBHB00, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4186
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4186

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      68 GCGGGGCGCGCGCGG 82
DB      2 GCGGGGCGCGCGCGG 16

RESULT 2897
US-09-371-772B-5287
; Sequence 5287, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
```

;; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
;; FILE REFERENCE: Levels of Vascular Endothelial Growth Factor Receptor
;; CURRENT APPLICATION NUMBER: US/09/371,772B
;; PRIOR FILING DATE: 1999-08-10
;; PRIOR FILING DATE: 1995-10-26 US 60/005,974
;; PRIOR APPLICATION NUMBER: US 08/584,040
;; PRIOR FILING DATE: 1996-01-08
;; NUMBER OF SEQ ID NOS: 14225
;; SOFTWARE: Patentin version 3.0
;; SEQ ID NO 5287
;; LENGTH: 17
;; TYPE: RNA
;; ORGANISM: Homo sapiens
US-09-371-772B-5287

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 1.9e+03;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy 6527 ATTAGCTGCCCATTA 6541
Db 3 AUAAGCTGGCGCAUA 17

RESULT 2898
US-09-371-772B-5594
; Sequence 5594, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 5594
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5594

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 1.9e+03;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 4030 GAAACAATGTTA 4044
Db 3 GAAACCAUAUGUUA 17

RESULT 2899
US-09-796-071-28/c
; Sequence 28, Application US/09796071
; Patent No. 6607887
; GENERAL INFORMATION:
; APPLICANT: Chee, Mark S.
; TITLE OF INVENTION: Computer-Aided Visualization and
; Analysis System for Sequence Evaluation
; Patent No. 6607887
; NUMBER OF SEQUENCES: 39
; CORRESPONDENCE ADDRESS:

;; ADDRESSEE: Rittler, Van Pelt & Yi LLP
;; STREET: 4906 El Camino Real, Suite 205
;; CITY: Los Altos
;; STATE: California
;; COUNTRY: USA
;; ZIP: 94022
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patentin Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/796,071
;; FILING DATE: 27-Feb-2001
;; CLASSIFICATION: <Unknown>
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/531,137
;; FILING DATE: <Unknown>
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Rittler, Michael J.
;; REGISTRATION NUMBER: 36,653
;; REFERENCE/DOCKET NUMBER: AFYP006
;; TELEPHONE: 650-903-3500
;; TELEFAX: 650-903-3501
;; INFORMATION FOR SEQ ID NO: 28:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 17 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA (oligonucleotide)
;; SEQUENCE DESCRIPTION: SEQ ID NO: 28:
US-09-796-071-28

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 5590 ATGTGATTTGGTTT 5604
Db 15 ATGTGATTTGGTTT 1

RESULT 2900
US-09-476-387-895/c
; Sequence 895, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beauty, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zimen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleo
; FILE REFERENCE: MHB00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 895

```
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-895

Query Match      0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      6976 TAAACAACAACAGA 6990
Db      15 TAAAACTAACAAGA 1

RESULT 2901
US-09-401-063-116
; Sequence 116, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 116:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-401-063-116

Query Match      0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 1.9e+03;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy      398 ATAAGTCCCGCCTA 412
Db      1 AGAAGUGUCCCGUA 15
```

```
RESULT 2902
US-09-401-063-617
; Sequence 617, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 617:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-401-063-617

Query Match      0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 60.0%; Pred. No. 1.9e+03;
Matches 9; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

Qy      5248 ATTCACGACATTTG 5262
Db      3 AATCAUCGCAUUG 17

RESULT 2903
US-09-827-998-102
; Sequence 102, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
```

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/ CURRENT FILING DATE: 2001-04-06
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ NUMBER OF SEQ ID NOS: 1881
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6656700
/ SEQ ID NO 102
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-827-998-102

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 17;
Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1325 CAGACAGACTGGAGG 1339
DB 3 CAGACAGACTGGAGG 17

RESULT 2904
US-09-827-998-103
/ Sequence 103, Application US/09827998
/ Patent No. 6656700
/ GENERAL INFORMATION:
/ APPLICANT: Gu, Yizhong
/ TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
/ FILE REFERENCE: MDHMRP-8
/ CURRENT APPLICATION NUMBER: US/09/827,998
/ PRIOR FILING DATE: 2001-04-06
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ NUMBER OF SEQ ID NOS: 1881
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6656700
/ SEQ ID NO 103
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-827-998-103

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 17;
Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1325 CAGACAGACTGGAGG 1339
DB 2 CAGACAGACTGGAGG 16

RESULT 2905
US-09-827-998-104
/ Sequence 104, Application US/09827998
/ Patent No. 6656700
/ GENERAL INFORMATION:
/ APPLICANT: Gu, Yizhong
/ TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
/ FILE REFERENCE: MDHMRP-8
/ CURRENT APPLICATION NUMBER: US/09/827,998
/ PRIOR FILING DATE: 2001-04-06
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ NUMBER OF SEQ ID NOS: 1881
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6656700
/ SEQ ID NO 104
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-827-998-104
```

```
/ Patent No. 6656700
/ SEQ ID NO 104
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-827-998-104

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 17;
Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1325 CAGACAGACTGGAGG 1339
DB 1 CAGACAGACTGGAGG 15

RESULT 2906
US-09-827-998-371
/ Sequence 371, Application US/09827998
/ Patent No. 6656700
/ GENERAL INFORMATION:
/ APPLICANT: Gu, Yizhong
/ TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
/ FILE REFERENCE: MDHMRP-8
/ CURRENT APPLICATION NUMBER: US/09/827,998
/ PRIOR FILING DATE: 2001-04-06
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ NUMBER OF SEQ ID NOS: 1881
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6656700
/ SEQ ID NO 371
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-827-998-371

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 17;
Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2885 GGTAGCGAGGAGTGT 2899
DB 3 GGTAGCGAGGAGTGT 17

RESULT 2907
US-09-827-998-372
/ Sequence 372, Application US/09827998
/ Patent No. 6656700
/ GENERAL INFORMATION:
/ APPLICANT: Gu, Yizhong
/ TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
/ FILE REFERENCE: MDHMRP-8
/ CURRENT APPLICATION NUMBER: US/09/827,998
/ PRIOR FILING DATE: 2001-04-06
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ NUMBER OF SEQ ID NOS: 1881
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6656700
/ SEQ ID NO 372
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-827-998-372
```

```
Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2885 GGTAGCGAGAGCTGT 2899
Db      2      GGTAGCGAGAGCTGT 16

RESULT 2908
US-09-827-998-373
; Sequence 373, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMRP-8
; CURRENT FILING DATE: 2001-04-06
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-09-27
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 373
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-373

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2885 GGTAGCGAGAGCTGT 2899
Db      1      GGTAGCGAGAGCTGT 15

RESULT 2909
US-09-866-108A-551
; Sequence 551, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT FILING DATE: 2001-05-25
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2830 AAGCCCGAGAGCTGT 2844
Db      3      AAGCCCGAGAGCTGT 17

RESULT 2910
US-09-866-108A-552
; Sequence 552, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT FILING DATE: 2001-05-25
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 552
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-552

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 2830 AACCCCGAGAGCTG 2844
Db 2 AACGCCAGAGCTG 16

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RESULT 2911
US-09-866-108A-2191/c
; Sequence 2191, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wenheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2191
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2191

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 1; Indels 0; Gaps 0;
```

```
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2194
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2194

Query Match 0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 1; Indels 0; Gaps 0;
```

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QY 265 CACGAGGTTCAG 279
Db 15 CACGAGGTTCAG 1

RESULT 2913
US-09-866-108A-2667/c
; Sequence 2667, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wenheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
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/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 2667
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-2667

Query Match
Best Local Similarity 0.2%; Score 13.4; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3879 CCGCCCGCCGAGT 3893
DB 17 CCGCCCGCCGAGT 3

RESULT 2914
US-09-866-108A-5949/c
/ Sequence 5949, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wenheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 5949
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-5949

Query Match
Best Local Similarity 93.3%; Pred. No. 1.9e+03; Length 17;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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```
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2470 GGCATCAGGACACC 2484
DB 17 GGCATCCTGGGACACC 3

RESULT 2915
US-09-866-108A-5950/c
/ Sequence 5950, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wenheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 5950
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-5950

Query Match
Best Local Similarity 0.2%; Score 13.4; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2470 GGCATCAGGACACC 2484
DB 16 GGCATCCTGGGACACC 2

RESULT 2916
US-09-866-108A-6257
/ Sequence 6257, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wenheng
```

```
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 6257
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-6257

Query Match      0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2724 CCAGGCCCTGGCCAA 2738
DB      3 CCAGGCCCTGGCCAA 17

RESULT 2917
US-09-866-108A-6258
Sequence 6258, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 6259
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-6259

Query Match      0.2%; Score 13.4; DB 1; Length 17;
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 6258
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-6258

Query Match      0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2724 CCAGGCCCTGGCCAA 2738
DB      2 CCAGGCCCTGGCCAA 16

RESULT 2918
US-09-866-108A-6259
Sequence 6259, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 6259
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-6259

Query Match      0.2%; Score 13.4; DB 1; Length 17;
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Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2724 CCAGGCCCTGGCCAA 2728

Db 1 CCAAGCCCGGCCCA 15

RESULT 2919

US-09-866-108A-7070/c
; Sequence 7070, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharon G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7

; CURRENT FILING DATE: 2001-05-25

; PRIOR FILING DATE: 2000-05-26

; PRIOR FILING DATE: 2000-05-26

; PRIOR FILING DATE: 2000-05-26

; PRIOR FILING DATE: 2000-10-04

; PRIOR FILING DATE: 2000-10-04

; PRIOR FILING DATE: 2000-09-27

; PRIOR FILING DATE: 2001-01-30

; PRIOR FILING DATE: 2001-01-30

; PRIOR FILING DATE: 2001-01-30

; PRIOR FILING DATE: 2001-01-30

; PRIOR FILING DATE: 2001-01-30

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; PRIOR FILING DATE: 2001-01-30

; PRIOR FILING DATE: 2001-01-30

; PRIOR FILING DATE: 2001-01-30

; PRIOR FILING DATE: 2001-01-30

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7

; CURRENT FILING DATE: 2001-05-25

; CURRENT FILING DATE: 2001-05-25

; CURRENT FILING DATE: 2001-05-25

; CURRENT FILING DATE: 2001-05-25

; CURRENT FILING DATE: 2001-05-25

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; CURRENT FILING DATE: 2001-05-25

; CURRENT FILING DATE: 2001-05-25

; CURRENT FILING DATE: 2001-05-25

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; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7589
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7589
```

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Query Match      0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY      1031 TGAAGAGAGTACC 1045
          |||||
DB       2 TGAAGAGAGTACC 16
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RESULT 2922
US-09-866-108A-7983/C
; Sequence 7983, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7983
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7983
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Query Match      0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY      4951 TTTTTCCTGCTGCGC 4965
          |||||
DB       15 TGTTCCTGCTGCGC 1
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RESULT 2923
US-09-866-108A-8872/C
; Sequence 8872, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8872
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8872
```

```

Query Match      0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY      3381 GCTCCTCCCGAGCT 3395
          |||||
DB       17 GCTCCTCCCGAGCT 3
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RESULT 2924
US-09-866-108A-8873/C
; Sequence 8873, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
```

```

; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: A60MICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: A60MICA Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8873
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-8873

Query Match      0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3381 GCTCTCCCGCAGCT 3395
DB      16 GCTCTCCCGCAGCT 2

RESULT 2925
US-09-866-108A-8874/C
; Sequence 8874, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: A60MICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: A60MICA Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9377
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-9377
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: A60MICA Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8874
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-8874

Query Match      0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3381 GCTCTCCCGCAGCT 3395
DB      15 GCTCTCCCGCAGCT 1

RESULT 2926
US-09-866-108A-9377
; Sequence 9377, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: A60MICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: A60MICA Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9377
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-9377
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Query Match 0.24; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.34; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 295 GGCATTGGCACTGTG 309
|||||
DB 3 GGCATTGGCACTGAG 17

RESULT 2927

US-09-866-108A-9378
; Sequence 9378, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9378
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-9378

Query Match 0.24; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.34; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 295 GGCATTGGCACTGTG 309
|||||
DB 2 GGCATTGGCACTGAG 16

RESULT 2928

US-09-866-108A-9379
; Sequence 9379, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.

; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9379
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-9379

Query Match 0.24; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.34; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 295 GGCATTGGCACTGTG 309
|||||
DB 1 GGCATTGGCACTGAG 15

RESULT 2929

PCT-US91-01574-7
; Sequence 7, Application PC/TUS9101574
; GENERAL INFORMATION:
; APPLICANT: White Ph.D, Thomas J.
; APPLICANT: Dodge, Deborah R.
; TITLE OF INVENTION: Method for Diagnosis of Lyme Disease
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cetus Corporation
; STREET: 1400 Fifty-Third Street
; CITY: Emeryville
; STATE: CA
; COUNTRY: USA
; ZIP: 94608
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/01574
; FILING DATE: 19910307
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 489,676

```

; FILING DATE: 07-MAR-1990
; ATTORNEY/AGENT INFORMATION:
;   NAME: Kaster, Kevin R.
;   REGISTRATION NUMBER: 32,704
;   REFERENCE/DOCKET NUMBER: 2536.1
; TELECOMMUNICATION INFORMATION:
;   TELEPHONE: (415) 420-3444
;   TELEFAX: (415) 658-5239
;   TELEX: 4992659
; INFORMATION FOR SEQ ID NO: 7:
;   SEQUENCE CHARACTERISTICS:
;     LENGTH: 17 base pairs
;     TYPE: NUCLEIC ACID
;     STRANDEDNESS: single
;     TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
PCT-US91-01574-7

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6286 GTGCTACACTGGGCT 6300
DB      2 GTGCTACAAATGGCT 16

RESULT 2930
PCT-US91-03680-7
; Sequence 7, Application PC/TUS9103680
; GENERAL INFORMATION:
;   APPLICANT: Matewuccl, Mark D.
;   TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
;   TITLE OF INVENTION: CROSS-LINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
;   TITLE OF INVENTION: DUPLEX DNA
;   NUMBER OF SEQUENCES: 158
; CORRESPONDENCE ADDRESS:
;   ADDRESSEE: Morrison & Foerster
;   STREET: 545 Middlefield Road, Suite 200
;   CITY: Menlo Park
;   STATE: California
;   COUNTRY: USA
;   ZIP: 94025
; COMPUTER READABLE FORM:
;   MEDIUM TYPE: Floppy disk
;   OPERATING SYSTEM: PC-DOS/MS-DOS
;   SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
;   APPLICATION NUMBER: PCT/US91/03680
;   FILING DATE: 19910524
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
;   NAME: Murashige, Kate H.
;   REGISTRATION NUMBER: 29,959
;   REFERENCE/DOCKET NUMBER: 4610-0011.40
; TELECOMMUNICATION INFORMATION:
;   TELEPHONE: 415-327-7250
;   TELEFAX: 415-327-2951
;   TELEX: 706141
; INFORMATION FOR SEQ ID NO: 7:
;   SEQUENCE CHARACTERISTICS:
;     LENGTH: 17 base pairs
;     TYPE: NUCLEIC ACID
;     STRANDEDNESS: single
;     TOPOLOGY: linear
; FEATURE:
;   NAME/KEY: modified_base
;   LOCATION: 8
; OTHER INFORMATION: /mod_base= OTHER
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; OTHER INFORMATION: /note= "N4,N4-ethanocytosine"
; FEATURE:
;   NAME/KEY: modified_base
;   LOCATION: 14
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "5-methylcytosine"
; FEATURE:
;   NAME/KEY: modified_base
;   LOCATION: 17
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "1,3-propanediol"
PCT-US91-03680-7

Query Match          0.2%; Score 13.4; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.9e+03;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4464 TTTTNTTTTCTTTT 4479
DB      1 TTTTNTTTTCTT 16

RESULT 2931
US-07-766-751-2/C
; Sequence 2, Application US/07766751
; Patent No. 5480895
; GENERAL INFORMATION:
;   APPLICANT: FRIEDMAN, STEVEN M
;   APPLICANT: CROW, MARY K
;   APPLICANT: POSNETT, DAVID
;   TITLE OF INVENTION: METHODS OF PRODUCING ANTIBODIES TO A
;   TITLE OF INVENTION: RESTRICTED POPULATION OF T-LYMPHOCYTES
;   NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
;   ADDRESSEE: DARBY & DARBY
;   STREET: 805 THIRD AVENUE
;   CITY: NEW YORK
;   STATE: NEW YORK
;   COUNTRY: U.S.A.
;   ZIP: 10022-7513
; COMPUTER READABLE FORM:
;   MEDIUM TYPE: Floppy disk
;   OPERATING SYSTEM: PC-DOS/MS-DOS
;   SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
;   APPLICATION NUMBER: US/07/766,751
;   FILING DATE: 19910927
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
;   NAME: SCHAFER, ROBERT
;   REGISTRATION NUMBER: 31,194
;   REFERENCE/DOCKET NUMBER: 5983/07499
; TELECOMMUNICATION INFORMATION:
;   TELEPHONE: (212)527-7700
;   TELEFAX: (212)753-6237
;   TELEX: 236687
; INFORMATION FOR SEQ ID NO: 2:
;   SEQUENCE CHARACTERISTICS:
;     LENGTH: 18 base pairs
;     TYPE: NUCLEIC ACID
;     STRANDEDNESS: single
;     TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
US-07-766-751-2

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5866 GGCAGGTCAGGCTT 5880
```


Db 16 GGCAGGCTCAGGTT 2

RESULT 2932

US-08-170-095B-31

Sequence 31, Application US/08170095B

Patent No. 5563254

GENERAL INFORMATION:

APPLICANT: Hoffman, Stephen J.

APPLICANT: Nagai, Kiyoshi

TITLE OF INVENTION: Blood Substitutes

NUMBER OF SEQUENCES: 36

CORRESPONDENCE ADDRESS:

ADDRESSEE: Somatogen, Inc.

STREET: 2545 Central Avenue

CITY: Boulder

STATE: Colorado

ZIP: 80301

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.50 inch, 1.4 Mb storage

COMPUTER: Apple Macintosh

OPERATING SYSTEM: System 7.0.1

SOFTWARE: Microsoft Word 5.0a

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/170,095B

FILING DATE: December 20, 1993

CLASSIFICATION: 530

ATTORNEY/AGENT INFORMATION:

NAME: No. 5563254ak, Henry P.

REGISTRATION NUMBER: 33200

REFERENCE/DOCKET NUMBER: Hoffman 2A/CONT2

TELECOMMUNICATION INFORMATION:

TELEPHONE: 303-444-3013

TELEFAX: 303-444-3013

INFORMATION FOR SEQ ID NO: 31:

SEQUENCE CHARACTERISTICS:

LENGTH: 18

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: unknown to applicant

MOLECULE TYPE: Other nucleic acid

DESCRIPTION: primer

HYPOTHETICAL: no

US-08-170-095B-31

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 7463 TGGCTTCTATTCTA 7477
Db 1 TGGCTTCTATTCTA 15

RESULT 2933

US-08-170-095B-34/C

Sequence 34, Application US/08170095B

Patent No. 5563254

GENERAL INFORMATION:

APPLICANT: Hoffman, Stephen J.

APPLICANT: Nagai, Kiyoshi

TITLE OF INVENTION: Blood Substitutes

NUMBER OF SEQUENCES: 36

CORRESPONDENCE ADDRESS:

ADDRESSEE: Somatogen, Inc.

STREET: 2545 Central Avenue

CITY: Boulder

STATE: Colorado

ZIP: 80301

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.50 inch, 1.4 Mb storage

COMPUTER: Apple Macintosh

OPERATING SYSTEM: System 7.0.1

SOFTWARE: Microsoft Word 5.0a

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/170,095B

FILING DATE: December 20, 1993

CLASSIFICATION: 530

ATTORNEY/AGENT INFORMATION:

NAME: No. 5563254ak, Henry P.

REGISTRATION NUMBER: 33200

REFERENCE/DOCKET NUMBER: Hoffman 2A/CONT2

TELECOMMUNICATION INFORMATION:

TELEPHONE: 303-444-3013

TELEFAX: 303-444-3013

INFORMATION FOR SEQ ID NO: 34:

SEQUENCE CHARACTERISTICS:

LENGTH: 18

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: unknown to applicant

MOLECULE TYPE: Other nucleic acid

DESCRIPTION: primer

HYPOTHETICAL: no

US-08-170-095B-34

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 7463 TGGCTTCTATTCTA 7477
Db 1 TGGCTTCTATTCTA 2

RESULT 2934

US-08-216-276A-7

Sequence 7, Application US/08216276A

Patent No. 5595912

GENERAL INFORMATION:

APPLICANT: VAKHARIA, VIKRAM

APPLICANT: SNYDER, DAVID

TITLE OF INVENTION: SPECIFIC DNA AND RNA SEQUENCES

TITLE OF INVENTION: ASSOCIATED WITH US IDV VARIANTS, VECTOR CARRYING DNA

TITLE OF INVENTION: SEQUENCES, HOST CARRYING CLONED VECTOR, DEDUCED AMINO ACID

TITLE OF INVENTION: SEQUENCES, VACCINE AND METHOD OF VACCINATION

NUMBER OF SEQUENCES: 34

CORRESPONDENCE ADDRESS:

ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,

ADDRESSEE: P.C.

STREET: 1755 S. Jefferson Davis Highway, Suite 400

CITY: Arlington

STATE: Virginia

COUNTRY: U.S.A.

ZIP: 22202

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/216,276A

FILING DATE: 23-MAR-1994

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

PRIOR APPLICATION NUMBER: US 08/083,784

FILING DATE: 28-JUN-1993

PRIOR APPLICATION DATA:

PRIOR APPLICATION NUMBER: US 07/519,202

FILING DATE: 04-MAY-1990

PRIOR APPLICATION DATA:

PRIOR APPLICATION NUMBER: US 07/227,311

FILING DATE: 02-AUG-1988

ATTORNEY/AGENT INFORMATION:

NAME: Kelber, Steven B.

REGISTRATION NUMBER: 30,073
REFERENCE/DOCKET NUMBER: 2747-054-27 CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 413-3000
TELEFAX: (703) 413-2220
TELEX: 248955 OPAT UR
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
ORIGINAL SOURCE:
ORGANISM: Infectious bursal disease virus
US-08-216-276A-7

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4558 TGAAGCAGCATCCC 4572
Db 4 TGAAGCAGCATCCC 18

RESULT 2935
US-08-216-276A-10/c
Sequence 10, Application US/08216276A
Patent No. 5595912
GENERAL INFORMATION:
APPLICANT: VAGHARIA, VIKRAM
APPLICANT: SNYDER, DAVID
TITLE OF INVENTION: SPECIFIC DNA AND RNA SEQUENCES
TITLE OF INVENTION: ASSOCIATED WITH US IBDV VARIANTS, VECTOR CARRYING DNA
TITLE OF INVENTION: SEQUENCES, HOST CARRYING CLONED VECTOR, DEUCED AMINO ACID
TITLE OF INVENTION: SEQUENCES, VACCINE AND METHOD OF VACCINATION
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MATER & NEUSTADT,
ADDRESSEE: P.C.
STREET: 1755 S. Jefferson Davis Highway, Suite 400
CITY: Arlington
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/216,276A
FILING DATE: 23-MAR-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/083,784
FILING DATE: 28-JUN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/519,202
FILING DATE: 04-MAY-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/227,311
FILING DATE: 02-AUG-1988
ATTORNEY/AGENT INFORMATION:
NAME: Kelber, Steven B.
REGISTRATION NUMBER: 30,073
REFERENCE/DOCKET NUMBER: 2747-054-27 CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 413-3000
TELEFAX: (703) 413-2220
TELEX: 248955 OPAT UR
INFORMATION FOR SEQ ID NO: 10:

SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
ORIGINAL SOURCE:
ORGANISM: Infectious bursal disease virus
US-08-216-276A-10

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4558 TGAAGCAGCATCCC 4572
Db 15 TGAAGCAGCATCCC 1

RESULT 2936
US-08-390-850-1122/c
Sequence 1122, Application US/08390850
Patent No. 5612215
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James
APPLICANT: Gustofson, John
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
NUMBER OF SEQUENCES: 1151
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/390,850
FILING DATE: February 17, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/354,920
FILING DATE: December 13, 1994
APPLICATION NUMBER: 08/152,487
FILING DATE: No. 5612215ember 12, 1993
APPLICATION NUMBER: 07/989,848
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211/084
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1122:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-390-850-1122

Query Match 0.2%; Score 13.4; DB 1; Length 18;

Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1472 GCGGAAACCGGCCA 1486
DB 15 GCGGAAACCGGCCA 1

RESULT 2937

US-08-396-866-31
Sequence 31, Application US/08396866
Patent No. 5661124
GENERAL INFORMATION:
APPLICANT: Hoffman, Stephen J.
TITLE OF INVENTION: Blood Substitutes
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: Somatogen, Inc.
STREET: 5797 Central Avenue
CITY: Boulder
STATE: Colorado
ZIP: 80301
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.4 Mb storage
COMPUTER: Apple Macintosh
OPERATING SYSTEM: System 7.0.1
SOFTWARE: Microsoft Word 5.0a
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/396,866
FILING DATE:
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/062,780
FILING DATE: May 17, 1993
ATTORNEY/AGENT INFORMATION:
NAME: No. 5661124a, Henry P.
REGISTRATION NUMBER: 33200
REFERENCE/DOCKET NUMBER: Hoffman
TELECOMMUNICATION INFORMATION:
TELEPHONE: 303-541-3322
TELEFAX: 303-444-3013
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown to applicant
MOLECULE TYPE: Other nucleic acid
DESCRIPTION: primer
HYPOTHETICAL: no
US-08-396-866-31
Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 7463 TGGCTTCATTCTTA 7477
DB 1 TGGCTTCATTCTTA 15

RESULT 2938

US-08-396-866-34/C
Sequence 34, Application US/08396866
Patent No. 5661124
GENERAL INFORMATION:
APPLICANT: Hoffman, Stephen J.
TITLE OF INVENTION: Blood Substitutes
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:

ADDRESSEE: Somatogen, Inc.
STREET: 5797 Central Avenue
CITY: Boulder
STATE: Colorado
ZIP: 80301

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.50 inch, 1.4 Mb storage
COMPUTER: Apple Macintosh
OPERATING SYSTEM: System 7.0.1
SOFTWARE: Microsoft Word 5.0a
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/396,866
FILING DATE:
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/062,780
FILING DATE: May 17, 1993
ATTORNEY/AGENT INFORMATION:
NAME: No. 5661124a, Henry P.
REGISTRATION NUMBER: 33200
REFERENCE/DOCKET NUMBER: Hoffman
TELECOMMUNICATION INFORMATION:
TELEPHONE: 303-541-3322
TELEFAX: 303-444-3013
INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown to applicant
MOLECULE TYPE: Other nucleic acid
DESCRIPTION: primer
HYPOTHETICAL: no
US-08-396-866-34

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 7463 TGGCTTCATTCTTA 7477
DB 16 TGGCTTCATTCTTA 2

RESULT 2939

US-08-363-240A-1112
Sequence 1112, Application US/08363240A
Patent No. 5705388
GENERAL INFORMATION:
APPLICANT: Couture, Larry
APPLICANT: McSwiggen, James
APPLICANT: Bisgaler, Charles
APPLICANT: Pape, Michael
TITLE OF INVENTION: METHOD AND REAGENT FOR
PREVENTION, INHIBITION OF
TITLE OF INVENTION: PROGRESSION AND REGRESSION
TITLE OF INVENTION: OF VASCULAR DISEASES
NUMBER OF SEQUENCES: 1243
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1472 GCGGAAACCGGCCA 1486
DB 15 GCGGAAACCGGCCA 1

RESULT 2942
US-08-627-254C-21
Sequence 21, Application US/08627254C
Patent No. 5859229
GENERAL INFORMATION:
APPLICANT: Knies, Douglas A.
TITLE OF INVENTION: Bicosanoid formation
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: Calfee, Halter & Gritwold LLP
STREET: 800 Superior Avenue
CITY: Cleveland
STATE: Ohio
COUNTRY: USA
ZIP: 44114
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/627,254C
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Golrick, Mary E
REGISTRATION NUMBER: 34,829
REFERENCE/DOCKET NUMBER: 18525/00107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (216) 622-8200
TELEFAX: (216) 241-0816
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA to mRNA
ANTI-SENSE: YES
US-08-627-254C-21

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4215 TCCATCCTTCTCTG 4229
DB 4 TCCATCCTTCTCTG 18

RESULT 2943
US-08-244-597-13
Sequence 13, Application US/08244597
Patent No. 5885793
GENERAL INFORMATION:
APPLICANT: Griffiths, Andrew David
APPLICANT: Hoogenboom, Hendricus RUM
APPLICANT: Marks, James David
APPLICANT: McCafferty, John
APPLICANT: Winter, Gregory Paul
APPLICANT: Grig9, Geoffrey Walter
TITLE OF INVENTION: Production of anti-self antibodies from
antibody segment repertoires and displayed on phage
NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS:
ADDRESSEE: David W. Clough
STREET: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606-6402

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/244,597
FILING DATE: 01-JUN-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9125579.4
FILING DATE: 02-DEC-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9125582.8
FILING DATE: 02-DEC-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9206318.9
FILING DATE: 24-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9206372.6
FILING DATE: 24-MAR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB92/01755
FILING DATE: 23-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 28111/32094
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-474-6300
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-244-597-13

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 145 GGGTACTAGGCCCC 159
DB 3 GGGTACTAGGCCCC 17

RESULT 2944
US-09-212-771-28
Sequence 28, Application US/09212771
Patent No. 5958773
GENERAL INFORMATION:
APPLICANT: Brett P. Monla
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF AKT-1 EXPRESSION
FILE REFERENCE: RTS-0034
CURRENT APPLICATION NUMBER: US/09/212,771
CURRENT FILING DATE: 1998-12-16
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 28
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:

```

: OTHER INFORMATION: Antisense Oligonucleotide
US-09-212-771-28

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      2146  GGTGAGCTCTCATC 2160
          |||||
          3  CGTGAACCTCTCATC 17

Db

RESULT 2945
US-09-205-860-75
: Sequence 75, Application US/09205860
: Patent No. 5981732
: GENERAL INFORMATION:
: APPLICANT: Lex M. Coweert
: TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-13 EXPRESSION
: FILE REFERENCE: RTS-0031
: CURRENT APPLICATION NUMBER: US/09/205,860
: CURRENT FILING DATE: 1998-12-04
: NUMBER OF SEQ ID NOS: 87
: SEQ ID NO 75
: LENGTH: 18
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-860-75

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      6316  GGGCTACTGTGCTG 6330
          |||||
          4  GGGCTTCTGTGCTG 18

Db

RESULT 2946
US-09-200-141-18
: Sequence 18, Application US/09200141
: Patent No. 5985663
: GENERAL INFORMATION:
: APPLICANT: C. Frank Bennett
: APPLICANT: Lex M. Coweert
: TITLE OF INVENTION: ANTISENSE MODULATION OF Interleukin-15 EXPRESSION
: FILE REFERENCE: RTS-0022
: CURRENT APPLICATION NUMBER: US/09/200,141
: CURRENT FILING DATE: 1998-11-25
: NUMBER OF SEQ ID NOS: 47
: SEQ ID NO 18
: LENGTH: 18
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Antisense Oligonucleotide
US-09-200-141-18

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      6951  AAGAAAGGAGGGCA 6965
          |||||
          3  AAGAAAGGAGGGCA 17

Db

RESULT 2947
US-09-106-038A-45/c
: Sequence 45, Application US/09106038A
: Patent No. 6007995

```

```

GENERAL INFORMATION:
APPLICANT: Brenda F. Baker and lex M. Cowseart
TITLE OF INVENTION: ANTISENSE MODULATION OF TNF $\alpha$ 1
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 91
CORRESPONDENCE ADDRESS:
ADDRESSEE: Isis Pharmaceuticals, Inc.
STREET: 2292 Faraday Avenue
CITY: Carlsbad
STATE: CA
COUNTRY: U.S.A.
ZIP: 92008

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: Windows NT
SOFTWARE: Microsoft Word 97

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/106,038A
FILING DATE: June 26, 1998
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Laurel Spear Bernstein
REGISTRATION NUMBER: 37,280
REFERENCE/DOCKET NUMBER: RTS-0004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (760) 931-9200
TELEFAX: (760) 603-3820
INFORMATION FOR SEQ ID NO: 45.
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-106-038A-45

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1890 CAACCTGCGCTCA 1904
DB 18 CAGCCTGCGCTCA 4

RESULT 2948
US-08-945-654-16/c
Sequence 16, Application US/08945654
Patent No. 6071747
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: IMMORTALIZED CELL LINES FROM HUMAN
TITLE OF INVENTION: ADIPOSE TISSUE, PROCESS FOR PREPARING SAME AND APPLICATIONS
NUMBER OF SEQUENCES: 22
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/945,654
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA: FR 9504922
FILING DATE: 25-APR-1995
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

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MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "PRIMER"
US-08-945-654-16

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2041 ACAGCAGTGTGGAGC 2055
DB 16 ACAGCAGGCGGTAGC 2

RESULT 2949
US-09-166-186-169/c
Sequence 169, Application US/09166186A
Patent No. 6080580
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF- α EXPRESSION
FILE REFERENCE: ISPH-0322
CURRENT APPLICATION NUMBER: US/09/166,186A
CURRENT FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 250
SEQ ID NO 169
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: antisense sequence
US-09-166-186-169

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1502 AGGCTGTCTGGACA 1516
DB 18 AGGCTGTCTGGACA 4

RESULT 2950
US-09-166-186-170/c
Sequence 170, Application US/09166186A
Patent No. 6080580
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF- α EXPRESSION
FILE REFERENCE: ISPH-0322
CURRENT APPLICATION NUMBER: US/09/166,186A
CURRENT FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 250
SEQ ID NO 170
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: antisense sequence
US-09-166-186-170

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1502 AGGCTGTCTGGACA 1516
DB 17 AGGCTGTCTGGACA 3

RESULT 2951
US-09-166-186-171/c
Sequence 171, Application US/09166186A
Patent No. 6080580
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF- α EXPRESSION
FILE REFERENCE: ISPH-0322
CURRENT APPLICATION NUMBER: US/09/166,186A
CURRENT FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 250
SEQ ID NO 171
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: antisense sequence
US-09-166-186-171

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1502 AGGCTGTCTGGACA 1516
DB 16 AGGCTGTCTGGACA 2

RESULT 2952
US-09-166-186-172/c
Sequence 172, Application US/09166186A
Patent No. 6080580
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF- α EXPRESSION
FILE REFERENCE: ISPH-0322
CURRENT APPLICATION NUMBER: US/09/166,186A
CURRENT FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 250
SEQ ID NO 172
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: antisense sequence
US-09-166-186-172

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1502 AGGCTGTCTGGACA 1516
DB 15 AGGCTGTCTGGACA 1

RESULT 2953
US-09-289-466-84/c
Sequence 84, Application US/09289466A
Patent No. 6124272
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowart
TITLE OF INVENTION: ANTISENSE MODULATION OF PDK-1 EXPRESSION
FILE REFERENCE: RTS-0060

```

; CURRENT APPLICATION NUMBER: US/09/289,466A
; CURRENT FILING DATE: 1999-04-09
; NUMBER OF SEQ ID NOS: 86
; SEQ ID NO 84
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-466-84

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2959 CAGACCACGAGCCAG 2973
DB      18 CAGACCACCTGCCAG 4

RESULT 2954
US-09-054-830-18
; Sequence 18, Application US/09054830
; Patent No. 6127121
; GENERAL INFORMATION:
; APPLICANT: Meyer, Rich
; TITLE OF INVENTION: OLIGONUCLEOTIDES CONTAINING
; TITLE OF INVENTION: PYRAZOLO[3,4-D]PYRIMIDINES FOR HYBRIDIZATION AND
; TITLE OF INVENTION: MISMATCH DISCRIMINATION
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: PALO ALTO
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FASTSEQ for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/054,830
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Brennan, Sean M
; REGISTRATION NUMBER: 39,917
; REFERENCE/DOCKET NUMBER: 34469-20005.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-054-830-18

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      121 GGGATCCGAGCAGC 135
DB      4 GGGTTCGCGAGCAGC 18
```

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RESULT 2955
US-09-487-444-36
; Sequence 36, Application US/09487444
; Patent No. 6159697
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowseert
; TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD7 EXPRESSION
; FILE REFERENCE: RTS-0133
; CURRENT APPLICATION NUMBER: US/09/487,444
; CURRENT FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 36
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-487-444-36

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1170 GTATCCCATCTGCC 1184
DB      4 GTCTCCCATCTGCC 18

RESULT 2956
US-09-474-922A-57
; Sequence 57, Application US/09474922A
; Patent No. 6187586
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowseert
; APPLICANT: Richard A. Roth
; TITLE OF INVENTION: ANTISENSE MODULATION OF Akt-3 EXPRESSION
; FILE REFERENCE: RTS-0036
; CURRENT APPLICATION NUMBER: US/09/474,922A
; CURRENT FILING DATE: 1999-12-29
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 57
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-474-922A-57

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3789 TTTCAAACTGACAA 3803
DB      4 TTTCAATACATGACAA 18

RESULT 2957
US-09-034-205-64/C
; Sequence 64, Application US/09034205
; Patent No. 6194149
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Brow, Mary Ann D.
; APPLICANT: Fors, Lance P.
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
; TITLE OF INVENTION: STRUCTURE-BRIDGING OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 68
; CORRESPONDENCE ADDRESS:
```


ADDRESSER: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/034,205
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 39,230
REFERENCE/DOCKET NUMBER: FORS-03268
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 64:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
US-09-034-205-64

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6948 TCCAAGAAAGGAGG 6962
DB 18 TCCAAGAAAGGAGG 4

RESULT 2958
US-09-050-159-1/c
Sequence 1, Application US/09050159A
Patent No. 6197505
GENERAL INFORMATION:
APPLICANT: NO. 6197505berg, Leif T
APPLICANT: Anderson, Maria K
TITLE OF INVENTION: METHODS FOR ASSESSING CARDIOVASCULAR STATUS AND
FILE REFERENCE: 1248/1D042
CURRENT APPLICATION NUMBER: US/09/050,159A
CURRENT FILING DATE: 1998-03-27
EARLIER APPLICATION NUMBER: 60/042,930
EARLIER FILING DATE: 1987-04-03
NUMBER OF SEQ ID NOS: 133
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 1
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: PCR PRIMER
US-09-050-159-1

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7394 CTTGAGCAAGCA 7408
DB 15 CTTGAGCAAGCA 1

RESULT 2959
US-09-269-345-1/c
Sequence 1, Application US/09269345
Patent No. 6197545
GENERAL INFORMATION:
APPLICANT: VANDERBILT UNIVERSITY
APPLICANT: 305 Kirkland Hall
APPLICANT: Nashville, TN 37240
TITLE OF INVENTION: GENETICALLY ENGINEERED YEAST WITH
TITLE OF INVENTION: MODIFIED SIGNAL PEPTIDASE COMPLEX
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSER: NEEDLE & ROSENBERG, P.C.
STREET: Suite 1200, 127 Peachtree Street
CITY: Atlanta
STATE: Georgia
COUNTRY: USA
ZIP: 30303
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/269,345
FILING DATE: 25 SEPT 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MILLER, MARY L.
REGISTRATION NUMBER: 39,303
REFERENCE/DOCKET NUMBER: 22000.0066/P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 404/688-0770
TELEFAX: 404/688-9880
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-09-269-345-1

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 841 AAGATGATGCTCAAC 855
DB 15 AAGATGATGATCAAC 1

RESULT 2960
US-09-313-932-169/c
Sequence 169, Application US/09313932A
Patent No. 6228642
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Medeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 18PH-0356
CURRENT APPLICATION NUMBER: US/09/313,932A
CURRENT FILING DATE: 1999-05-18
NUMBER OF SEQ ID NOS: 501
SEQ ID NO 169
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence

```
/
/ FEATURE:
/ OTHER INFORMATION: Synthetic
US-09-313-932-169

Query Match      0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1502 AGGGTGTCTGGGACA 1516
Db      18 AGGGTGTCTGGGACA 4

RESULT 2961
US-09-313-932-170/c
/ Sequence 170, Application US/09313932A
/ Patent No. 6228642
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Brenda
/ APPLICANT: Bennett, C. Frank
/ APPLICANT: Butler, Madeline M.
/ APPLICANT: Shanahan, William R.
/ TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
/ FILE REFERENCE: ISPH-0356
/ CURRENT APPLICATION NUMBER: US/09/313,932A
/ NUMBER OF SEQ ID NOS: 501
/ SEQ ID NO 170
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic
US-09-313-932-170

Query Match      0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1502 AGGGTGTCTGGGACA 1516
Db      17 AGGGTGTCTGGGACA 3

RESULT 2962
US-09-313-932-171/c
/ Sequence 171, Application US/09313932A
/ Patent No. 6228642
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Brenda
/ APPLICANT: Bennett, C. Frank
/ APPLICANT: Butler, Madeline M.
/ APPLICANT: Shanahan, William R.
/ TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
/ FILE REFERENCE: ISPH-0356
/ CURRENT APPLICATION NUMBER: US/09/313,932A
/ CURRENT FILING DATE: 1999-05-18
/ NUMBER OF SEQ ID NOS: 501
/ SEQ ID NO 171
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic
US-09-313-932-171

Query Match      0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1502 AGGGTGTCTGGGACA 1516
```

```
Db      16 AGGGTGTCTGGGACA 2

RESULT 2963
US-09-313-932-172/c
/ Sequence 172, Application US/09313932A
/ Patent No. 6228642
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Brenda
/ APPLICANT: Bennett, C. Frank
/ APPLICANT: Butler, Madeline M.
/ APPLICANT: Shanahan, William R.
/ TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
/ FILE REFERENCE: ISPH-0356
/ CURRENT APPLICATION NUMBER: US/09/313,932A
/ CURRENT FILING DATE: 1999-05-18
/ NUMBER OF SEQ ID NOS: 501
/ SEQ ID NO 172
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic
US-09-313-932-172

Query Match      0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1502 AGGGTGTCTGGGACA 1516
Db      15 AGGGTGTCTGGGACA 1

RESULT 2964
US-09-677-218B-64/c
/ Sequence 64, Application US/09677218B
/ Patent No. 6355437
/ GENERAL INFORMATION:
/ APPLICANT: Lyamichev, Victor I.
/ APPLICANT: Brow, Mary Ann D.
/ APPLICANT: Fors, Lance
/ APPLICANT: Neill, Bruce P.
/ TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING
/ STRUCTURE-BRIDGING OLIGONUCLEOTIDES
/ NUMBER OF SEQUENCES: 68
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: MEDDEN & CARROLL, LLP
/ STREET: 220 Montgomery Street, Suite 2200
/ CITY: San Francisco
/ STATE: CA
/ COUNTRY: USA
/ ZIP: 94104
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patentin Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/677,218B
/ FILING DATE: 02-Oct-2000
/ CLASSIFICATION: <Unknown>
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 09/034,205
/ FILING DATE: <Unknown>
/ ATTORNEY/AGENT INFORMATION:
/ NAME: MacKnight, Kamrin T.
/ REGISTRATION NUMBER: 38,230
/ REFERENCE/DOCKET NUMBER: FORS-03268
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 705-8410
```

TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 64:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 64:
US-09-677-121B-64
Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Cy 6948 TCCAGAGAGGAGG 6962
Db 18 TCCAGAGAGGAGG 4
RESULT 2965
US-09-677-192-64/c
Sequence 64, Application US/09677192
Patent No. 6358691
GENERAL INFORMATION:
APPLICANT: Lymichev, Victor I.
APPLICANT: Brow, Mary Ann D.
APPLICANT: Fors, Lance P.
TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING
FILE REFERENCE: FORS-04708
CURRENT APPLICATION NUMBER: US/09/677,192
PRIOR FILING DATE: 2000-10-02
PRIOR APPLICATION NUMBER: 09/034,205
NUMBER OF SEQ ID NOS: 68
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 64
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-677-192-64
Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Cy 6948 TCCAGAGAGGAGG 6962
Db 18 TCCAGAGAGGAGG 4
RESULT 2966
US-09-431-385-18
Sequence 18, Application US/09431385
Patent No. 6485906
GENERAL INFORMATION:
APPLICANT: Meyer, Rich
TITLE OF INVENTION: OLIGONUCLEOTIDES CONTAINING
TITLE OF INVENTION: PRAZOLO(3,4-D)PYRIMIDINES FOR HYBRIDIZATION AND
TITLE OF INVENTION: MISMATCH DISCRIMINATION
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 PAGE MILL ROAD
CITY: PALO ALTO
STATE: CA
COUNTRY: USA
ZIP: 94304-1018

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/431,385
FILING DATE: 1999-NOV-01
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/054,830
FILING DATE: 1998-APR-03
ATTORNEY/AGENT INFORMATION:
NAME: Brennan, Sean M
REGISTRATION NUMBER: 39,917
REFERENCE/DOCKET NUMBER: 34469-20005.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-813-5600
TELEFAX: 650-494-0792
TELLEX: 706141
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-431-385-18
Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Cy 121 GGGATCCCGAGCAGC 135
Db 4 GGGTCCCGAGCAGC 18
RESULT 2967
US-09-319-588C-51
Sequence 51, Application US/09319588C
Patent No. 6509018
GENERAL INFORMATION:
APPLICANT: INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE-INSEERM
APPLICANT: ASSISTANCE PUBLIQUE-HOPITAUX DE PARIS
APPLICANT: INSTITUT PASTEUR
APPLICANT: MAUCLERE, Philippe
APPLICANT: LOUSSERT-AJAKA, Ibdissem
APPLICANT: SIMON, Francois
APPLICANT: SARAGOSTI, Senech
APPLICANT: BARRE-SIMOUSSI, Françoise
TITLE OF INVENTION: NON-M NON-O HIV STRAINS, FRAGMENTS AND APPLICATIONS.
FILE REFERENCE: 5980512
CURRENT APPLICATION NUMBER: US/09/319,588C
PRIOR FILING DATE: 1999-08-27
PRIOR APPLICATION NUMBER: FR96/15087
PRIOR FILING DATE: 1996-12-09
NUMBER OF SEQ ID NOS: 98
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 51
LENGTH: 18
TYPE: DNA
ORGANISM: artificial sequence
FEATURES:
OTHER INFORMATION: primer
US-09-319-588C-51
Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Cy 1108 GGACAGCTGTGGAG 1122
Db 3 GGACAGCTGTGGAG 17

```
RESULT 2968
US-09-319-588C-80
; Sequence 80, Application US/09319588C
; Patent No. 6509018
; GENERAL INFORMATION:
; APPLICANT: INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE-INSERM
; APPLICANT: ASSISTANCE PUBLIQUE-HOPITAUX DE PARIS
; APPLICANT: INSTITUT PASTEUR
; APPLICANT: MAUCIERE, Philippe
; APPLICANT: LOUSSERT-AJAKA, Ibtissem
; APPLICANT: SIMON, Francois
; APPLICANT: SARACOSTI, Sencob
; APPLICANT: BARRE-SINOUSSE, Francoise
; TITLE OF INVENTION: NON-M NON-O HIV STRAINS, FRAGMENTS AND APPLICATIONS.
; FILE REFERENCE: 598US12
; CURRENT APPLICATION NUMBER: US/09/319,588C
; PRIOR FILING DATE: 1999-08-27
; PRIOR APPLICATION NUMBER: FR96/15087
; PRIOR FILING DATE: 1996-12-09
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 80 (corresponds to SK 68.2 env of Figure 1)
; LENGTH: 18
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-319-588C-80

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1108 GGACAGCTGTGGAG 1122
DB      3 GGACAGCTGTGGAG 17

RESULT 2969
US-09-216-393B-314
; Sequence 314, Application US/09216393B
; Patent No. 6514694
; GENERAL INFORMATION:
; APPLICANT: Milhausen, Michael James
; TITLE OF INVENTION: TOXOPLASMA GONDII PROTEINS, NUCLEIC ACID MOLECULES, AND USES THEREOF
; FILE REFERENCE: TX-1-C2
; CURRENT APPLICATION NUMBER: US/09/216,393B
; PRIOR FILING DATE: 1998-12-18
; PRIOR APPLICATION NUMBER: 08/994,825
; PRIOR FILING DATE: 1997-12-19
; NUMBER OF SEQ ID NOS: 366
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 314
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-09-216-393B-314

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1111 CAGACTGTGAGTGC 1125
DB      4 CCGACTGTGAGTGC 18

RESULT 2970
US-09-197-224-13
```

```
; Sequence 13, Application US/09197224
; Patent No. 6521404
; GENERAL INFORMATION:
; APPLICANT: Griffiths, Andrew David
; APPLICANT: Hoogenboom, Hendricus RUM
; APPLICANT: Marks, James David
; APPLICANT: McCafferty, John
; APPLICANT: Winter, Gregory Paul
; APPLICANT: Gt199, Geoffrey Walter
; TITLE OF INVENTION: Production of anti-self antibodies from
; TITLE OF INVENTION: antibody segment repertoires and displayed on phage
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: David W. Clough
; STREET: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/197,224
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/244,597
; FILING DATE: 01-JUN-1994
; APPLICATION NUMBER: GB 9125579.4
; FILING DATE: 02-DEC-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9125582.8
; FILING DATE: 02-DEC-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9206318.9
; FILING DATE: 24-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9206372.6
; FILING DATE: 24-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB92/01755
; FILING DATE: 23-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Clough, David W
; REGISTRATION NUMBER: 36,107
; REFERENCE/DOCKET NUMBER: 28111/32094
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312-474-6300
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-197-224-13

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      145 GGGTACTGAGCCCC 159
DB      3 GGGTACTGAGCCCC 17

RESULT 2971
US-09-422-978-6008
; Sequence 6008, Application US/09422978
; Patent No. 6537751
```

```
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marta
/ APPLICANT: Chumakov, Ilya
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
/ FILE REFERENCE: GENSER.020CPI
/ CURRENT APPLICATION NUMBER: US/09/422,978
/ EARLIER FILING DATE: 1999-10-20
/ EARLIER APPLICATION NUMBER: US 09/298,850
/ EARLIER FILING DATE: 1999-04-21
/ EARLIER APPLICATION NUMBER: US 60/109,732
/ EARLIER FILING DATE: 1998-11-23
/ EARLIER APPLICATION NUMBER: US 60/082,614
/ EARLIER FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 6008
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..18
/ OTHER INFORMATION: upstream amplification primer 99-6367 for SEQ 2074,
US-09-422-978-6008

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      741 CCGCTCTTCTTCTC 755
Db      4 CCACTCTTCTTCTC 18

RESULT 2972
US-09-422-978-7515/c
/ Sequence 7515, Application US/09422978
/ Patent No. 6537751
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marta
/ APPLICANT: Chumakov, Ilya
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
/ FILE REFERENCE: GENSER.020CPI
/ CURRENT APPLICATION NUMBER: US/09/422,978
/ EARLIER FILING DATE: 1999-10-20
/ EARLIER APPLICATION NUMBER: US 09/298,850
/ EARLIER FILING DATE: 1999-04-21
/ EARLIER APPLICATION NUMBER: US 60/109,732
/ EARLIER FILING DATE: 1998-11-23
/ EARLIER APPLICATION NUMBER: US 60/082,614
/ EARLIER FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 7515
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..18
/ OTHER INFORMATION: upstream amplification primer 99-6574 for SEQ 3581,
US-09-422-978-7515

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5732 GCTTCCTTCCTT 5746
Db      16 GCTTCCTTCCTT 2

RESULT 2973

/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marta
/ APPLICANT: Chumakov, Ilya
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
/ FILE REFERENCE: GENSER.020CPI
/ CURRENT APPLICATION NUMBER: US/09/422,978
/ EARLIER FILING DATE: 1999-10-20
/ EARLIER APPLICATION NUMBER: US 09/298,850
/ EARLIER FILING DATE: 1999-04-21
/ EARLIER APPLICATION NUMBER: US 60/109,732
/ EARLIER FILING DATE: 1998-11-23
/ EARLIER APPLICATION NUMBER: US 60/082,614
/ EARLIER FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 7519
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..18
/ OTHER INFORMATION: upstream amplification primer 99-6603 for SEQ 3585,
US-09-422-978-7519/c

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4302 CTTTTCCTTCCTT 4316
Db      18 CTTTTCCTTCCTT 4

RESULT 2974
US-09-422-978-8959
/ Sequence 8959, Application US/09422978
/ Patent No. 6537751
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marta
/ APPLICANT: Chumakov, Ilya
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
/ FILE REFERENCE: GENSER.020CPI
/ CURRENT APPLICATION NUMBER: US/09/422,978
/ EARLIER FILING DATE: 1999-10-20
/ EARLIER APPLICATION NUMBER: US 09/298,850
/ EARLIER FILING DATE: 1999-04-21
/ EARLIER APPLICATION NUMBER: US 60/109,732
/ EARLIER FILING DATE: 1998-11-23
/ EARLIER APPLICATION NUMBER: US 60/082,614
/ EARLIER FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 8959
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..18
/ OTHER INFORMATION: downstream amplification primer 99-20423 for SEQ 1094, in comple
US-09-422-978-8959

Query Match          0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      589 TTTAGGTCTGCATC 603
Db      1 TTTAGGTCTCTTC 15
```

```
RESULT 2975
US-09-422-978-9179/C
; Sequence 9179, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9179
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-2275 for SEQ 1314, in compleme
US-09-422-978-9179
```

```
Query Match      0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      6073 TCGGTTCTTTTCT 6087
Db      15 TCGGTTCTTTCTCT 1

RESULT 2976
US-09-422-978-11146/C
; Sequence 11146, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11146
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-2956 for SEQ 3281, in compleme
US-09-422-978-11146
```

```
Query Match      0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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```
QY      6181 AAGAGTGATGAGG 6195
Db      15 AAGAGTGATGATTAAG 1

RESULT 2977
US-09-230-652-67
; Sequence 67, Application US/09230652A
; Patent No. 6537775
; GENERAL INFORMATION:
; APPLICANT: Tournier-Lasserre, Elisabeth
; APPLICANT: Jourel, Anne
; APPLICANT: Bousset, Marie-Germaine
; APPLICANT: Bach, Jean-Francois
; TITLE OF INVENTION: GENE INVOLVED IN CADASIL, METHOD OF DIAGNOSIS AND
; FILE REFERENCE: 03715.0048-00000
; CURRENT APPLICATION NUMBER: US/09/230,652A
; CURRENT FILING DATE: 1999-05-17
; EARLIER APPLICATION NUMBER: FR 96 09733
; EARLIER FILING DATE: 1996-08-01
; EARLIER APPLICATION NUMBER: FR 97 04680
; EARLIER FILING DATE: 1997-04-16
; EARLIER APPLICATION NUMBER: PCT/FR97/01433
; EARLIER FILING DATE: 1997-07-31
; NUMBER OF SEQ ID NOS: 163
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 67
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-230-652-67
```

```
Query Match      0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      2872 AGGAGGAGGAGG 2886
Db      2 AGGAGGAGGAGG 16

RESULT 2978
US-09-197-221-13
; Sequence 13, Application US/09197221
; Patent No. 6544731
; GENERAL INFORMATION:
; APPLICANT: Griffiths, Andrew David
; APPLICANT: Hoogenboom, Hendricus RUM
; APPLICANT: Marks, James David
; APPLICANT: McCafferty, John
; APPLICANT: Winter, Gregory Paul
; APPLICANT: Grig9, Geoffrey Walter
; TITLE OF INVENTION: Production of anti-self antibodies from
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESSES:
; ADDRESSER: David W. Clough
; STREET: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (BPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/197,221
```

```

: FILING DATE:
: CLASSIFICATION:
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 08/244,597
: FILING DATE: 01-JUN-1994
: APPLICATION NUMBER: GB 9125579.4
: FILING DATE: 02-DEC-1991
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: GB 9125582.8
: FILING DATE: 02-DEC-1991
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: GB 9206318.9
: FILING DATE: 24-MAR-1992
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: GB 9206372.6
: FILING DATE: 24-MAR-1992
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: PCT/GB92/01755
: FILING DATE: 23-SEP-1992
: ATTORNEY/AGENT INFORMATION:
: NAME: Clough, David W
: REGISTRATION NUMBER: 36,107
: REFERENCE/DOCKET NUMBER: 28111/32094
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 312-474-6300
: INFORMATION FOR SEQ ID NO: 13:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 18 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
:
: US-09-197-221-13

```

```

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 145 GGCTACCTAGGCCCC 159
Db 3 GGCTACCTAGGCCCC 17

```

```

RESULT 2979
US-09-572-392A-13
: Sequence 13, Application US/09572392A
: Patent No. 6555313
: GENERAL INFORMATION:
: APPLICANT: Griffiths, Andrew
: APPLICANT: Hoogenboom, Hendricus
: APPLICANT: Marks, James
: APPLICANT: McCafferty, John
: APPLICANT: Winter, Gregory
: APPLICANT: Grigg, Geoffrey
: TITLE OF INVENTION: Production of Anti-Self Antibodies from Antibody Segment Reperto
: TITLE OF INVENTION: and displayed on Phage
: FILE REFERENCE: 28111/32094A
: CURRENT APPLICATION NUMBER: US/09/572,392A
: CURRENT FILING DATE: 2000-05-16
: PRIOR APPLICATION NUMBER: US 09/197,224
: PRIOR FILING DATE: 1998-11-20
: PRIOR APPLICATION NUMBER: PCT/GB92/02240
: PRIOR FILING DATE: 1992-12-02
: NUMBER OF SEQ ID NOS: 21
: SOFTWARE: PatentIn version 3.0
: SEQ ID NO: 13
: LENGTH: 18
: TYPE: DNA
: ORGANISM: oligonucleotide CDRFOR
:
: US-09-572-392A-13

```

```

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 145 GGCTACCTAGGCCCC 159
Db 3 GGCTACCTAGGCCCC 17

```

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RESULT 2980
US-09-723-756-13
: Sequence 13, Application US/09723756
: Patent No. 6582915
: GENERAL INFORMATION:
: APPLICANT: Griffiths, Andrew David
: APPLICANT: Hoogenboom, Hendricus RUM
: APPLICANT: Marks, James David
: APPLICANT: McCafferty, John
: APPLICANT: Winter, Gregory Paul
: APPLICANT: Grigg, Geoffrey Walter
: TITLE OF INVENTION: Production of anti-self antibodies from
: TITLE OF INVENTION: antibody segment repertoires and displayed on phage
: NUMBER OF SEQUENCES: 21
: CORRESPONDENCE ADDRESSES:
: ADDRESSEE: David W. Clough
: STREET: Marshall, O'Toole, Gerstein, Murray & Borun
: CITY: Chicago
: STATE: Illinois
: COUNTRY: USA
: ZIP: 60606-6402
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: OPERATING SYSTEM: IBM PC compatible
: SOFTWARE: PatentIn Release #1.0, Version #1.25 (ERO)
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/09/723,756
: FILING DATE: 28-Nov. 6582915-2000
: CLASSIFICATION: <Unknown>
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: GB 9125579.4
: FILING DATE: 02-DEC-1991
: APPLICATION NUMBER: GB 9125582.8
: FILING DATE: 02-DEC-1991
: APPLICATION NUMBER: GB 9206318.9
: FILING DATE: 24-MAR-1992
: APPLICATION NUMBER: GB 9206372.6
: FILING DATE: 24-MAR-1992
: APPLICATION NUMBER: PCT/GB92/01755
: FILING DATE: 23-SEP-1992
: APPLICATION NUMBER: PCT/GB92/02240
: FILING DATE: 02-DEC-1992
: APPLICATION NUMBER: US 08/244,597
: FILING DATE: 26-OCT-1994
: APPLICATION NUMBER: US 09/197,224
: FILING DATE: 20-NOV-1998
: ATTORNEY/AGENT INFORMATION:
: NAME: Clough, David W
: REGISTRATION NUMBER: 36,107
: REFERENCE/DOCKET NUMBER: 28111/32094E
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 312-474-6300
: INFORMATION FOR SEQ ID NO: 13:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 18 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: SEQUENCE DESCRIPTION: SEQ ID NO: 13:
:
: US-09-723-756-13

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Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 145 GGGTACCTAGGCCCC 159
|||||
DB 3 GGGTACCTTGGCCCC 17

RESULT 2981
US-09-532-840-13
; Sequence 13, Application US/09532840
; Patent No. 6593081
; GENERAL INFORMATION:
; APPLICANT: Griffiths, Andrew
; APPLICANT: Hoogenboom, Hendricus
; APPLICANT: Marks, James
; APPLICANT: McCallerty, John
; APPLICANT: Winter, Gregory
; APPLICANT: Grieg, Geoffrey
; TITLE OF INVENTION: Production of Anti-Self Antibodies from Antibody Segment Repeat
; TITLE OF INVENTION: Displayed on Phage
; FILE REFERENCE: 2811/32094D
; CURRENT APPLICATION NUMBER: US/09/532,840
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: US 08/244,597
; PRIOR FILING DATE: 1994-06-01
; PRIOR APPLICATION NUMBER: GB 9125582.8
; PRIOR FILING DATE: 1991-12-02
; PRIOR APPLICATION NUMBER: GB 9206318.9
; PRIOR FILING DATE: 1992-03-24
; PRIOR APPLICATION NUMBER: GB 9206372.6
; PRIOR FILING DATE: 1992-03-24
; PRIOR APPLICATION NUMBER: GB 9125579.4
; PRIOR FILING DATE: 1991-12-02
; PRIOR APPLICATION NUMBER: PCT/GB92/01755
; PRIOR FILING DATE: 1992-09-23
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO: 13
; LENGTH: 18
; TYPE: DNA
; ORGANISM: oligonucleotide CDRFOR
US-09-532-840-13

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 145 GGGTACCTAGGCCCC 159
|||||
DB 3 GGGTACCTTGGCCCC 17

RESULT 2982
US-09-710-693-13
; Sequence 13, Application US/09710693
; Patent No. 6642370
; GENERAL INFORMATION:
; APPLICANT: WISE, CAROL A
; TITLE OF INVENTION: GENETIC MARKER FOR AUTOIMMUNE DISORDER
; FILE REFERENCE: SEQ FOR TEX871
; CURRENT APPLICATION NUMBER: US/09/710,693
; CURRENT FILING DATE: 2000-11-08
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 13
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-710-693-13

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2958 ACAGACCACGACCA 2972

DB 3 ACAGTCACGACCA 17
|||||

RESULT 2983
PCT-US91-03056-7
; Sequence 7, Application PC/TUS9103056
; GENERAL INFORMATION:
; APPLICANT: Vakharia, Vikram
; TITLE OF INVENTION: SPECIFIC DNA AND RNA SEQUENCES
; TITLE OF INVENTION: ASSOCIATED WITH US 1BDV VARIANTS, VECTOR CARRYING DNA
; TITLE OF INVENTION: SEQUENCES, HOST CARRYING CLONED VECTOR, DEDUCED AMINO ACID
; TITLE OF INVENTION: SEQUENCES, VACCINE AND METHOD OF VACCINATION
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Viviana Amzel, Ph.D.
; STREET: 112 East Pecan, 2000 NBC Bank Plaza
; CITY: San Antonio
; STATE: Texas
; COUNTRY: USA
; ZIP: 78205
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/03056
; FILING DATE: 19910718
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/514,202
; FILING DATE: 14-MAY-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Amzel Ph.D., Viviana
; REGISTRATION NUMBER: 30,930
; REFERENCE/DOCKET NUMBER: U-0125.02
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512/554-5325
; TELEFAX: 512/226-8395
; TELEX: 762609
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: both
; TOPOLOGY: linear
PCT-US91-03056-7

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4558 TGAAGCAAGCATCCC 4572
|||||

DB 4 TGAAGCAAGATCCC 18

RESULT 2984
PCT-US91-03056-10/C
; Sequence 10, Application PC/TUS9103056
; GENERAL INFORMATION:
; APPLICANT: Vakharia, Vikram
; TITLE OF INVENTION: SPECIFIC DNA AND RNA SEQUENCES
; TITLE OF INVENTION: ASSOCIATED WITH US 1BDV VARIANTS, VECTOR CARRYING DNA
; TITLE OF INVENTION: SEQUENCES, HOST CARRYING CLONED VECTOR, DEDUCED AMINO ACID
; TITLE OF INVENTION: SEQUENCES, VACCINE AND METHOD OF VACCINATION
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Viviana Amzel, Ph.D.
; STREET: 112 East Pecan, 2000 NBC Bank Plaza
; CITY: San Antonio
; STATE: Texas

COUNTRY: USA
ZIP: 78205
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/03056
FILING DATE: 19910718
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/514,202
FILING DATE: 14-MAY-1990
ATTORNEY/AGENT INFORMATION:
NAME: Amzel Ph.D., Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: U-0125.02
TELECOMMUNICATION INFORMATION:
TELEPHONE: 512/554-5325
TELEFAX: 512/226-8395
TELEX: 762609
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: both
TOPOLOGY: linear
PCT-US91-03056-10

Query Match 0.2%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.1e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4558 TGAAGCAAGATCCC 4572
DB 15 TGAAGCAAGATCCC 1

RESULT 2985
US-08-127-954-47/C
Sequence 47, Application US/08127954
Patent No. 545152
GENERAL INFORMATION:
APPLICANT: Apple, Raymond J.
APPLICANT: Bugawan, Teodorica L.
APPLICANT: Erlich, Henry A.
TITLE OF INVENTION: Methods and Reagents for HLA Class I A
TITLE OF INVENTION: Locus DNA Typing
NUMBER OF SEQUENCES: 173
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoffmann-La Roche Inc.
STREET: 340 Kingsland Street
CITY: Nutley
STATE: New Jersey
COUNTRY: U.S.A.
ZIP: 07110-1199
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/127,954
FILING DATE:
CLASSIFICATION: 436
ATTORNEY/AGENT INFORMATION:
NAME: Petry, Douglas A.
REGISTRATION NUMBER: 35,321
REFERENCE/DOCKET NUMBER: 8873
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2974
TELEFAX: (510) 814-2977

INFORMATION FOR SEQ ID NO: 47:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-127-954-47

Query Match 0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5038 CACTGGAGACCTAC 5052
DB 16 CACTGGAGACCTAC 2

RESULT 2986
US-08-255-892-66
Sequence 66, Application US/08255892
Patent No. 5695926
GENERAL INFORMATION:
APPLICANT: CROS, PHILIPPE
APPLICANT: ALLIBERT, PATRICE
APPLICANT: MALLET, FRANCOIS
APPLICANT: MABLIAT, CLAUDE
APPLICANT: MANDRAND, BERNARD
TITLE OF INVENTION: PROCEDURE FOR DETECTION OF A NUCLEOTIDE
TITLE OF INVENTION: SEQUENCE BY IMPLEMENTING THE SANDWICH HYBRIDIZATION
TITLE OF INVENTION: TECHNIQUE
NUMBER OF SEQUENCES: 113
CORRESPONDENCE ADDRESS:
ADDRESSEE: CUSHMAN, DARBY & CUSHMAN
STREET: 1100 NEW YORK AVENUE, N.W.
CITY: WASHINGTON
STATE: D.C.
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/255,892
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/834,543
FILING DATE: 11-FEB-1992
ATTORNEY/AGENT INFORMATION:
NAME: DEAYER, DONALD B.
REGISTRATION NUMBER: 23,048
REFERENCE/DOCKET NUMBER: 1032/94109
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-861-3000
TELEFAX: 202-822-0944
TELEX: 6714627 CUSH
INFORMATION FOR SEQ ID NO: 66:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-255-892-66

Query Match 0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1528 CAGTTCAATGGG 1542

Db 5 CAGTCTCGAATGGG 19

```
RESULT 2987
US-08-257-073-106/C
; Sequence 106, Application US/08257073
; Patent No. 5766597
; GENERAL INFORMATION:
; APPLICANT: Paoletti, Enzo
; APPLICANT: de Taisne, Charles
; APPLICANT: Tine, John A.
; TITLE OF INVENTION: MALARIA RECOMBINANT POXVIRUS VACCINE
; NUMBER OF SEQUENCES: 143
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Curtis, Morris & Safford, P.C.
; STREET: 530 Fifth Avenue, 25th Floor
; CITY: New York
; STATE: New York
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/257,073
; FILING DATE: 09-JUN-1994
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/075,783
; FILING DATE: 11-JUN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/852,305
; FILING DATE: 18-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/672,183
; FILING DATE: 20-MAR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Frommer, William S.
; REGISTRATION NUMBER: 25,506
; REFERENCE/DOCKET NUMBER: 454310-2570
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 840-3333
; TELEFAX: (212) 840-0712
; TELEX: 425066 CURTMS
; INFORMATION FOR SEQ ID NO: 106:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-257-073-106

Query Match 0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 414 AGTCAACCGGAGT 428

Db 15 AGTCAACCGGAGT 1

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RESULT 2988
US-08-184-009-124/C
; Sequence 124, Application US/08184009
; Patent No. 5833975
; GENERAL INFORMATION:
; APPLICANT: Paoletti, Enzo
; APPLICANT: Tartaglia, James
; APPLICANT: Cox, William I.
; TITLE OF INVENTION: RECOMBINANT VIRUS IMMUNOTHERAPY
```

```
NUMBER OF SEQUENCES: 217
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Curtis, Morris & Safford
; STREET: 530 Fifth Avenue
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/184,009
; FILING DATE: 19-JAN-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Frommer, William S.
; REGISTRATION NUMBER: 25,506
; REFERENCE/DOCKET NUMBER: 454310-2530
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 840-3333
; TELEFAX: (212) 840-0712
; TELEX: 425066 CURTMS
; INFORMATION FOR SEQ ID NO: 124:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; US-08-184-009-124
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Query Match 0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 414 AGTCAACCGGAGT 428

Db 15 AGTCAACCGGAGT 1

```
RESULT 2989
US-08-389-360-7
; Sequence 7, Application US/08389360
; Patent No. 5877017
; GENERAL INFORMATION:
; APPLICANT: van der Bruggen et al.
; TITLE OF INVENTION: ISOLATED PEPTIDE WHICH FORMS COMPLEXES
; TITLE OF INVENTION: WITH MHC MOLECULE HLA-Cw*1601 AND USES
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Felfe & Lynch
; STREET: 805 Third Avenue
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10022
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch 1.44 Mb storage diskette
; OPERATING SYSTEM: IBM PS/2
; SOFTWARE: Morderfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/389,360
; FILING DATE: Herewith
; CLASSIFICATION: 436
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/196,630
; FILING DATE: February 15, 1994
; PRIOR APPLICATION DATA:
```

APPLICATION NUMBER: 08/079,110
FILING DATE: June 17, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Pasqualini, Patricia A.
REGISTRATION NUMBER: 34,894
REFERENCE/DOCKET NUMBER: LUD 5310.2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 688-9200
TELEFAX: (212) 838-3884
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 19
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-389-360-7

Query Match 0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4392 CCTATTGCTCTGTT 4406
DB 4 CCTATTGCTCTGTT 18

RESULT 2990
US-08-458-356-124/C
Sequence 124, Application US/08458356
Patent No. 5942235
GENERAL INFORMATION:
APPLICANT: Paoletti, Enzo
APPLICANT: Tartaglia, James
APPLICANT: Cox, William I.
TITLE OF INVENTION: RECOMBINANT VIRUS IMMUNOTHERAPY
NUMBER OF SEQUENCES: 217
CORRESPONDENCE ADDRESS:
ADDRESSEE: Curtie, Morris & Safford
STREET: 530 Fifth Avenue
CITY: New York
STATE: NY
COUNTRY: USA
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/458,356
FILING DATE: 02-JUN-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/184,009
FILING DATE: 19-JAN-1994
ATTORNEY/AGENT INFORMATION:
NAME: Frommer, William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2530
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 840-3333
TELEFAX: (212) 840-0712
TELEX: 425066CURTWS
INFORMATION FOR SEQ ID NO: 124:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-458-356-124

Query Match 0.2%; Score 13.4; DB 1; Length 19;

Best Local Similarity 93.3%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 414 AGTCAACCGGAAGT 428
DB 15 AGTCAACCGGAAGT 1

RESULT 2991
US-09-038-328-7
Sequence 7, Application US/09038328
Patent No. 610694
GENERAL INFORMATION:
APPLICANT: van der Bruggen et al.
TITLE OF INVENTION: ISOLATED PEPTIDE WHICH FORMS COMPLEXES
TITLE OF INVENTION: WITH MHC MOLECULE HLA-Cw*1601 AND USES
TITLE OF INVENTION: THEREOF
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Felle & Lynch
STREET: 805 Third Avenue
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10022
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch 1.44 MB storage diskette
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,328
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/389,360
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/079,110
FILING DATE: June 17, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Pasqualini, Patricia A.
REGISTRATION NUMBER: 34,894
REFERENCE/DOCKET NUMBER: LUD 5310.2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 688-9200
TELEFAX: (212) 838-3884
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 19
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-328-7

Query Match 0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4392 CCTATTGCTCTGTT 4406
DB 4 CCTATTGCTCTGTT 18

RESULT 2992
US-09-092-077-15
Sequence 15, Application US/09092077
Patent No. 6194142
GENERAL INFORMATION:
APPLICANT: Moncany, Maurice
APPLICANT: Montanier, Luc
TITLE OF INVENTION: Nucleotide Sequences Derived From The
TITLE OF INVENTION: Genome Of Retroviruses Of The HIV-1, HIV-2 And SIV Type,

```
/ TITLE OF INVENTION: And Their Uses In Particular For The Amplification Of The
/ TITLE OF INVENTION: Genomes Of These Retroviruses And For The In Vitro Diagnosis
/ TITLE OF INVENTION: Of The Diseases Due To Those Viruses
/ NUMBER OF SEQUENCES: 68
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: Pinnegan, Henderson, Farabow, Garrett &
/ ADDRESSER: Dunner
/ STREET: 1300 I Street, N.W., Suite 700
/ CITY: Washington
/ STATE: D.C.
/ COUNTRY: USA
/ ZIP: 20005-3315
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patentin Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/092,077
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/06/472,928
/ FILING DATE: 07-JUN-1995
/ APPLICATION NUMBER: US 08/160,465
/ FILING DATE: 02-DEC-1993
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: FR 8912371
/ FILING DATE: 20-SEP-1989
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: FR 8907354
/ FILING DATE: 06-FEB-1989
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Meyers, Kenneth J.
/ REGISTRATION NUMBER: 25,146
/ REFERENCE/DOCKET NUMBER: 02356.0062-02000
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (202)408-4000
/ TELEFAX: (202)408-4400
/ INFORMATION FOR SEQ ID NO: 15:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ US-09-092-077-15
Query Match 0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 5532 CTGTTGAAAGGTGG 5546
DB 5 CTGTTGAAAGGTGG 19
RESULT 2993
US-09-183-931-16
/ Sequence 16, Application US/09183931C
/ Patent No. 6210886
/ GENERAL INFORMATION:
/ APPLICANT: Van Baren, Nicolas
/ APPLICANT: Brasseau, Francis
/ APPLICANT: Boon-Failleur, Thierry
/ TITLE OF INVENTION: METHOD FOR DIAGNOSING LEUKEMIA BY DETERMINING
/ TITLE OF INVENTION: TUMOR REJECTION ANTIGEN PRECURSORS
/ FILE REFERENCE: LUD 5527.1-JEL/ES
/ CURRENT APPLICATION NUMBER: US/09/183,931C
/ EARLIER FILING DATE: 2000-02-28
/ EARLIER APPLICATION NUMBER: US 09/018,422
/ EARLIER FILING DATE: 1998 - 02 - 04
/ NUMBER OF SEQ ID NOS: 44
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/ SEQ ID NO 16
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial sequence
/ FEATURE:
/ NAME/KEY: PCR primer
/ OTHER INFORMATION: Synthesized by oligonucleotide synthesis machine
/ US-09-183-931-16
Query Match 0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 4392 CCTATTGCTTCTGTT 4406
DB 4 CCTATTGCTCTGTT 18
RESULT 2994
US-08-460-736-124/c
/ Sequence 124, Application US/08460736
/ Patent No. 6265189
/ GENERAL INFORMATION:
/ APPLICANT: Paoletti, Enzo
/ APPLICANT: Tartaglia, James
/ APPLICANT: Cox, William I.
/ TITLE OF INVENTION: RECOMBINANT VIRUS IMMUNOTHERAPY
/ NUMBER OF SEQUENCES: 217
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: Curtis, Morris & Safford
/ STREET: 530 Fifth Avenue
/ CITY: New York
/ STATE: NY
/ COUNTRY: USA
/ ZIP: 10036
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patentin Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/460,736
/ FILING DATE: 02-JUN-1995
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/184,009
/ FILING DATE: 19-JAN-1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Prommer, William S.
/ REGISTRATION NUMBER: 25,506
/ REFERENCE/DOCKET NUMBER: 454310-2530
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (212) 840-3333
/ TELEFAX: (212) 840-0712
/ TELEX: 425066CURTMS
/ INFORMATION FOR SEQ ID NO: 124:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
/ US-08-460-736-124
Query Match 0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 414 AGTCAACCGGAAGT 428
DB 15 AGTCAACCGGAAGT 1
```

RESULT 2995
US-09-338-907-464/c
Sequence 464, Application US/09338907
Patent No. 6265546
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Bouguerelet, Lydie
TITLE OF INVENTION: PROSTATE CANCER GENE
FILE REFERENCE: GENSET.18CP1CP
CURRENT APPLICATION NUMBER: US/09/338,907
EARLIER FILING DATE: 1999-06-23
EARLIER APPLICATION NUMBER: 08/996,306
EARLIER FILING DATE: 1997-12-22
EARLIER APPLICATION NUMBER: 60/099,658
EARLIER FILING DATE: 1998-09-09
EARLIER APPLICATION NUMBER: 09/218,207
NUMBER OF SEQ ID NOS: 578
SOFTWARE: Patent.pm
SEQ ID NO 464
LENGTH: 19
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: misc feature
LOCATION: 1..19
OTHER INFORMATION: potential microsequencing oligo for 4-86-206.misl
US-09-338-907-464

Query Match 0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7323 TGTGTCTGCTTTGA 7337
|||||
Db 15 TGTGTCTGATTGA 1

RESULT 2996
US-09-218-207-464/c
Sequence 464, Application US/09218207
Patent No. 6346381
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Ilya, Chumakov
TITLE OF INVENTION: Prostate cancer gene
FILE REFERENCE: GENSET.018CP1
CURRENT APPLICATION NUMBER: US/09/218,207
CURRENT FILING DATE: 1998-12-22
EARLIER APPLICATION NUMBER: 08/996,306
EARLIER FILING DATE: 1997-12-22
EARLIER APPLICATION NUMBER: 60/099,658
EARLIER FILING DATE: 1998-09-09
NUMBER OF SEQ ID NOS: 578
SOFTWARE: Patent.pm
SEQ ID NO 464
LENGTH: 19
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: misc feature
LOCATION: 1..19
OTHER INFORMATION: potential microsequencing oligo for 4-86-206.misl
US-09-218-207-464

Query Match 0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7323 TGTGTCTGCTTTGA 7337
|||||
Db 15 TGTGTCTGATTGA 1

RESULT 2997
US-09-705-160-16
Sequence 16, Application US/09705160
Patent No. 6387630
GENERAL INFORMATION:
APPLICANT: Van Baren, Nicolas
APPLICANT: Brasseur, Francis
APPLICANT: Boon-Falheur, Thierry
TITLE OF INVENTION: METHOD FOR DIAGNOSING LEUKEMIA BY DETERMINING
TITLE OF INVENTION: TUMOR REJECTION ANTIGEN PRECURSORS
FILE REFERENCE: LUD 5527.3-JBL/MAS
CURRENT APPLICATION NUMBER: US/09/705,160
CURRENT FILING DATE: 2001-11-02
PRIOR APPLICATION NUMBER: US 09/183,931
PRIOR FILING DATE: 1998 - 10 - 30
NUMBER OF SEQ ID NOS: 44
SEQ ID NO 16
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE: PCR primer
OTHER INFORMATION: Synthesized by oligonucleotide synthesis machine
US-09-705-160-16

Query Match 0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4392 CCTATTGCTTCTGT 4406
|||||
Db 4 CCTATTGCTCTCTT 18

RESULT 2998
US-09-345-882-106/c
Sequence 106, Application US/09345882
Patent No. 6399373
GENERAL INFORMATION:
APPLICANT: Bouguerelet, Lydie
TITLE OF INVENTION: A NUCLEIC ACID ENCODING A RETINOBLASTOMA BINDING PROTEIN (RBP-7)
FILE REFERENCE: GENSET.031A
CURRENT APPLICATION NUMBER: US/09/345,882
CURRENT FILING DATE: 1999-06-30
PRIOR APPLICATION NUMBER: US 60/091,315
PRIOR FILING DATE: 1998-06-30
PRIOR APPLICATION NUMBER: US 60/111,909
PRIOR FILING DATE: 1998-12-10
NUMBER OF SEQ ID NOS: 140
SOFTWARE: Patent.pm
SEQ ID NO 106
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: microsequencing oligo for 5-130-257.misl
US-09-345-882-106

Query Match 0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4941 CCTCTTACTTTT 4955
|||||
Db 19 CCTCTTTCTTTT 5

```
RESULT 2999
US-09-662-402A-34
; Sequence 34, Application US/09662402A
; Patent No. 6420117
; GENERAL INFORMATION:
; APPLICANT: Neesler, Susan R
; APPLICANT: Casa, Alexandra M
; TITLE OF INVENTION: MINATURE INVERTED REPEAT TRANSPOSABLE ELEMENTS AND
; FILE REFERENCE: 235.00230101
; CURRENT APPLICATION NUMBER: US/09/662,402A
; PRIOR FILING DATE: 2000-09-14
; PRIOR APPLICATION NUMBER: 60/153,812
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 34
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
US-09-662-402A-34

Query Match      0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      422 GGAAGTGTGGAGT 436
Db      2 GGAAGTGTGGAGT 16

RESULT 3000
US-09-435-524-7
; Sequence 7, Application US/09435524
; Patent No. 6465184
; GENERAL INFORMATION:
; APPLICANT: van der Bruggen et al.
; TITLE OF INVENTION: ISOLATED PEPTIDE WHICH FORMS COMPLEXES
; WITH MHC MOLECULES HLA-Cw*1601 AND USES
; THEREOF
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Felfe & Lynch
; STREET: 805 Third Avenue
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10022
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch 1.44 Mb storage diskette
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: wordperfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/435,524
; FILING DATE: 08-No. 6465184-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/038,328
; FILING DATE: <Unknown>
; APPLICATION NUMBER: 08/079,110
; FILING DATE: June 17, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Paqualini, Patricia A.
; REGISTRATION NUMBER: 34,894
; REFERENCE/DOCKET NUMBER: LUD 5310.2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 688-9200
; TELEFAX: (212) 838-3864
```

```
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-09-435-524-7

Query Match      0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4392 CCTATTGCTTCTGTT 4406
Db      4 CCTATTGCTTCTGTT 18

RESULT 3001
US-09-535-370-124/C
; Sequence 124, Application US/09535370
; Patent No. 6537594
; GENERAL INFORMATION:
; APPLICANT: Paoletti, Enzo
; Tartaglia, James
; Cox, William I.
; TITLE OF INVENTION: RECOMBINANT VIRUS IMMUNOTHERAPY
; NUMBER OF SEQUENCES: 217
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Curtis, Morris & Safford
; STREET: 530 Fifth Avenue
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/535,370
; FILING DATE: 24-Mar-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/460,736
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Frommer, William S.
; REGISTRATION NUMBER: 25,506
; REFERENCE/DOCKET NUMBER: 454310-2530
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 840-3333
; TELEFAX: (212) 840-0712
; TELEX: 425066CURTWS
; INFORMATION FOR SEQ ID NO: 124:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 124:
US-09-535-370-124

Query Match      0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      414 AGTCAACCGGAGT 428
Db      15 AGTCAACCGGAGT 1
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```
RESULT 3002
US-09-422-978-4186
; Sequence 4186, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4186
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-13854 for SEQ 252,
US-09-422-978-4186

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 19;
Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5196 TTGGATGACATTTCG 5210
Db 2 TTGGACACATTTCG 16

RESULT 3003
US-09-422-978-4225/C
; Sequence 4225, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4225
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-1404 for SEQ 291,
US-09-422-978-4225

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 19;
Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4012 AAAATGAGAAAAAG 4026
```

```
Db 15 AAAAGAGAAAAAG 1
*1

RESULT 3004
US-09-422-978-4463
; Sequence 4463, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4463
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-15129 for SEQ 529,
US-09-422-978-4463

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 19;
Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6967 GGAATGAGCTAAAA 6981
Db 2 GGAATGAGCTAAAA 16

RESULT 3005
US-09-422-978-4923
; Sequence 4923, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4923
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-18721 for SEQ 989,
US-09-422-978-4923

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 19;
Pred. No. 2.3e+03;
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Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5486 AGATATTTTGTGAGA 5500

Db 3 AGATACTTTTGTGAGA 17

RESULT 3006

US-09-422-978-5928

/ Sequence 5928, Application US/09422978

/ Patent No. 6537751

/ GENERAL INFORMATION:

/ APPLICANT: Cohen, Daniel

/ APPLICANT: Blumenfeld, Marta

/ APPLICANT: Chumakov, Ilya

/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

/ FILE REFERENCE: GENSET.020CPI

/ CURRENT APPLICATION NUMBER: US/09/422,978

/ EARLIER FILING DATE: 1999-10-20

/ EARLIER APPLICATION NUMBER: US 09/298,850

/ EARLIER FILING DATE: 1999-04-21

/ EARLIER APPLICATION NUMBER: US 60/109,732

/ EARLIER FILING DATE: 1998-11-23

/ EARLIER APPLICATION NUMBER: US 60/082,614

/ EARLIER FILING DATE: 1998-04-21

/ NUMBER OF SEQ ID NOS: 11796

/ SEQ ID NO 5928

/ LENGTH: 19

/ TYPE: DNA

/ ORGANISM: Homo Sapiens

/ FEATURE:

/ NAME/KEY: primer_bind

/ LOCATION: 1..19

/ OTHER INFORMATION: upstream amplification primer 99-7868 for SEQ 1994,

US-09-422-978-5928

Query Match 0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1756 CTCATTATGTGTCATC 1770

Db 5 CTCATTATGTGTCCTC 19

RESULT 3007

US-09-422-978-6997

/ Sequence 6997, Application US/09422978

/ Patent No. 6537751

/ GENERAL INFORMATION:

/ APPLICANT: Cohen, Daniel

/ APPLICANT: Blumenfeld, Marta

/ APPLICANT: Chumakov, Ilya

/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

/ FILE REFERENCE: GENSET.020CPI

/ CURRENT APPLICATION NUMBER: US/09/422,978

/ EARLIER FILING DATE: 1999-10-20

/ EARLIER APPLICATION NUMBER: US 09/298,850

/ EARLIER FILING DATE: 1999-04-21

/ EARLIER APPLICATION NUMBER: US 60/109,732

/ EARLIER FILING DATE: 1998-11-23

/ EARLIER APPLICATION NUMBER: US 60/082,614

/ EARLIER FILING DATE: 1998-04-21

/ NUMBER OF SEQ ID NOS: 11796

/ SEQ ID NO 6997

/ LENGTH: 19

/ TYPE: DNA

/ ORGANISM: Homo Sapiens

/ FEATURE:

/ NAME/KEY: primer_bind

/ LOCATION: 1..19

/ OTHER INFORMATION: upstream amplification primer 99-21948 for SEQ 3063,

US-09-422-978-6997.

Query Match 0.2%; Score 13.4; DB 1; Length 19;

Best Local Similarity 93.3%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2423 ACATCAGCCACCCAT 2437

Db 2 ACATCAGCCACCCAT 16

RESULT 3008

US-09-422-978-8611

/ Sequence 8611, Application US/09422978

/ Patent No. 6537751

/ GENERAL INFORMATION:

/ APPLICANT: Cohen, Daniel

/ APPLICANT: Blumenfeld, Marta

/ APPLICANT: Chumakov, Ilya

/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

/ FILE REFERENCE: GENSET.020CPI

/ CURRENT APPLICATION NUMBER: US/09/422,978

/ EARLIER FILING DATE: 1999-10-20

/ EARLIER APPLICATION NUMBER: US 09/298,850

/ EARLIER FILING DATE: 1999-04-21

/ EARLIER APPLICATION NUMBER: US 60/109,732

/ EARLIER FILING DATE: 1998-11-23

/ EARLIER APPLICATION NUMBER: US 60/082,614

/ EARLIER FILING DATE: 1998-04-21

/ NUMBER OF SEQ ID NOS: 11796

/ SEQ ID NO 8611

/ LENGTH: 19

/ TYPE: DNA

/ ORGANISM: Homo Sapiens

/ FEATURE:

/ NAME/KEY: primer_bind

/ LOCATION: 1..19

/ OTHER INFORMATION: downstream amplification primer 99-17001 for SEQ 746, in compleme

US-09-422-978-8611

Query Match 0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1323 TCCAGACGACGAGA 1337

Db 2 TCCAGACGACGAGA 16

RESULT 3009

US-09-422-978-8930

/ Sequence 8930, Application US/09422978

/ Patent No. 6537751

/ GENERAL INFORMATION:

/ APPLICANT: Cohen, Daniel

/ APPLICANT: Blumenfeld, Marta

/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

/ FILE REFERENCE: GENSET.020CPI

/ CURRENT APPLICATION NUMBER: US/09/422,978

/ EARLIER FILING DATE: 1999-10-20

/ EARLIER APPLICATION NUMBER: US 09/298,850

/ EARLIER FILING DATE: 1999-04-21

/ EARLIER APPLICATION NUMBER: US 60/109,732

/ EARLIER FILING DATE: 1998-11-23

/ EARLIER APPLICATION NUMBER: US 60/082,614

/ EARLIER FILING DATE: 1998-04-21

/ NUMBER OF SEQ ID NOS: 11796

/ SEQ ID NO 8930

/ LENGTH: 19

/ TYPE: DNA

/ ORGANISM: Homo Sapiens

/ FEATURE:

/ NAME/KEY: primer_bind

/ LOCATION: 1..19

/ OTHER INFORMATION: upstream amplification primer 99-21948 for SEQ 3063,

US-09-422-978-6997.


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/ LOCATION: 1..19
/ OTHER INFORMATION: downstream amplification primer 99-2012 for SEQ 1065, in compleme
US-09-422-978-8930

Query Match          0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1959 TGCCGTTTTCACCA 1973
Db      1 TGCGATTTCACCA 15

RESULT 3010
US-09-422-978-9853/c
/ Sequence 9853, Application US/09422978
/ Patent No. 6537751
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marta
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
/ FILE REFERENCE: GENSER.020CP1
/ CURRENT APPLICATION NUMBER: US/09/422,978
/ EARLIER FILING DATE: 1999-10-20
/ EARLIER APPLICATION NUMBER: US 09/298,850
/ EARLIER FILING DATE: 1999-04-21
/ EARLIER APPLICATION NUMBER: US 60/109,732
/ EARLIER FILING DATE: 1998-11-23
/ EARLIER APPLICATION NUMBER: US 60/082,614
/ EARLIER FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 9853
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURES:
/ NAME/KEY: primer_bind
/ LOCATION: 1..19
/ OTHER INFORMATION: downstream amplification primer 99-7792 for SEQ 1988, in compleme
US-09-422-978-9853

Query Match          0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      5698 TTTGCGCTCTCTTT 5712
Db      17 TTTGCGCTCTCTTT 3

RESULT 3011
US-09-422-978-10908
/ Sequence 10908, Application US/09422978
/ Patent No. 6537751
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marta
/ APPLICANT: Chumakov, Ilya
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
/ FILE REFERENCE: GENSER.020CP1
/ CURRENT APPLICATION NUMBER: US/09/422,978
/ EARLIER FILING DATE: 1999-10-20
/ EARLIER APPLICATION NUMBER: US 09/298,850
/ EARLIER FILING DATE: 1999-04-21
/ EARLIER APPLICATION NUMBER: US 60/109,732
/ EARLIER FILING DATE: 1998-11-23
/ EARLIER APPLICATION NUMBER: US 60/082,614
/ EARLIER FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 10908
/ LENGTH: 19
/ TYPE: DNA
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/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..19
/ OTHER INFORMATION: downstream amplification primer 99-21827 for SEQ 3043, in compleme
US-09-422-978-10908

Query Match          0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      2823 GCTTTCACAGCCCCA 2837
Db      2 GCTTTCACAGCCCCA 16

RESULT 3012
US-09-382-497-7
/ Sequence 7, Application US/09382497
/ Patent No. 6638512
/ GENERAL INFORMATION:
/ APPLICANT: van der Bruggen et al.
/ TITLE OF INVENTION: ISOLATED PEPTIDE WHICH FORMS COMPLEXES
/ TITLE OF INVENTION: WITH MHC MOLECULE HLA-Cw*1601 AND USES
/ TITLE OF INVENTION: THEREOF
/ NUMBER OF SEQUENCES: 9
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Felle & Lynch
/ STREET: 805 Third Avenue
/ CITY: New York
/ STATE: New York
/ COUNTRY: USA
/ ZIP: 10022
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5 inch 1.44 MB storage diskette
/ COMPUTER: IBM PS/2
/ OPERATING SYSTEM: PC-DOS
/ SOFTWARE: Wordperfect
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/382,497
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/389,360
/ FILING DATE:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/079,110
/ FILING DATE: June 17, 1993
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Paegualini, Patricia A.
/ REGISTRATION NUMBER: 34,894
/ REFERENCE/DOCKET NUMBER: LUD 5310.2
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (212) 688-9200
/ TELEFAX: (212) 838-3864
/ INFORMATION FOR SEQ ID NO: 7:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-09-382-497-7

Query Match          0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      4392 CCTATTGCTCTCTGTT 4406
Db      4 CCTATTGCTCTCTGTT 18

RESULT 3013
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```

US-09-747-391-164
; Sequence 164, Application US/09747391
; Patent No. 6670124
; GENERAL INFORMATION:
; APPLICANT: Chow, Robert
; APPLICANT: Tonal, Richard
; APPLICANT: StemCyt, Inc.
; TITLE OF INVENTION: High Throughput Methods of HLA Typing
; FILE REFERENCE: 020035-000210US
; CURRENT APPLICATION NUMBER: US/09/747,391
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 60/172,768
; NUMBER OF SEQ ID NOS: 278
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 164
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-747-391-164

Query Match          0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4221 CTTCTCTGTGCAGA 4235
DB      5      CTTGCTGTGCAGA 19

RESULT 3014
PCT-US91-03680-2/c
; Sequence 2, Application PC/TUS9103680
; GENERAL INFORMATION:
; APPLICANT: Matleuccl, Mark D.
; APPLICANT: Krawczyk, Steven
; TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
; TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
; NUMBER OF SEQUENCES: 158
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/03680
; FILING DATE: 19910524
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 4610-0011.40
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-327-7250
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 10

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```

; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "N4M4-ethanocytosine deoxynucleotide"
PCT-US91-03680-2

Query Match          0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6174 AAGGAAAAAGAGTGA 6188
DB      19      AAGGAAAAAGAGAGA 5

RESULT 3015
PCT-US91-03680-9/c
; Sequence 9, Application PC/TUS9103680
; GENERAL INFORMATION:
; APPLICANT: Matleuccl, Mark D.
; APPLICANT: Krawczyk, Steven
; TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
; TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
; NUMBER OF SEQUENCES: 158
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/03680
; FILING DATE: 19910524
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 4610-0011.40
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-327-7250
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; PCT-US91-03680-9

Query Match          0.2%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 2.3e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5700 TTGCTTCCTTTTC 5714
DB      15      TTCTCTCTTTTC 1

RESULT 3016
US-08-487-141B-19/c
; Sequence 19, Application US/08487141B
; Patent No. 5683967
; GENERAL INFORMATION:
; APPLICANT: Smith, Larry J.
; TITLE OF INVENTION: Therapeutic Oligonucleotides
; TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes
; NUMBER OF SEQUENCES: 114

```

CORRESPONDENCE ADDRESS:
ADDRESSEE: Dann, Dorfman, Herrell and Skillman
STREET: 1601 Market Street Suite 720
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103-2307
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487,141B
FILING DATE: 07-JUN-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/379,180
FILING DATE: 12-JUL-1994
ATTORNEY/AGENT INFORMATION:
NAME: Hagan, Patrick J.
REGISTRATION NUMBER: 27,643
REFERENCE/DOCKET NUMBER: 63082C
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215)563-4100
TELEFAX: (215)563-4044
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: not relevant
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-487-141B-19

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3217 GTGGGTGGAGAGG 3231
DB 15 GTGGGTGGAGAGG 1

RESULT 3017
US-08-927-561-19/c
Sequence 19, Application US/08927561
Patent No. 5874567
GENERAL INFORMATION:
APPLICANT: Smith, Larry J.
TITLE OF INVENTION: Therapeutic Oligonucleotides
TARGETING THE HUMAN MDRI AND MRP GENES
NUMBER OF SEQUENCES: 114
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dann, Dorfman, Herrell and Skillman
STREET: 1601 Market Street Suite 720
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103-2307
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/927,561
FILING DATE: 08-SEP-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/487,141

FILING DATE: 05-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Rigauc, Kathleen D.
REGISTRATION NUMBER: P43,047
REFERENCE/DOCKET NUMBER: 63082C1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215)563-4100
TELEFAX: (215)563-4044
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: not relevant
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-927-561-19

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3217 GTGGGTGGAGAGG 3231
DB 15 GTGGGTGGAGAGG 1

RESULT 3018
PCT-US96-09388-19/c
Sequence 19, Application PC/TUS9609388
GENERAL INFORMATION:
APPLICANT: Smith, Larry J.
TITLE OF INVENTION: Therapeutic Oligonucleotides
TARGETING THE HUMAN MDRI AND MRP GENES
NUMBER OF SEQUENCES: 114
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dann, Dorfman, Herrell and Skillman
STREET: 1601 Market Street Suite 720
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103-2307
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/09388
FILING DATE: 07-JUN-1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/379,180
FILING DATE: 12-JUL-1994
ATTORNEY/AGENT INFORMATION:
NAME: Reed, Janet E.
REGISTRATION NUMBER: 36,252
REFERENCE/DOCKET NUMBER: 63082C
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215)563-4100
TELEFAX: (215)563-4044
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: not relevant
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
PCT-US96-09388-19

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3217 GTGGTGAGAGAG 3231
DB 15 GTGGTGAGAGAG 1

RESULT 3019
US-08-275-951-46/c
; Sequence 46, Application US/08275951
; Patent No. 6451968
; GENERAL INFORMATION:
; APPLICANT: Egholm, Michael
; APPLICANT: Kiehl, John
; APPLICANT: Griffin, Michael
; APPLICANT: Coul, James M.
; APPLICANT: Nielsen, Peter
; APPLICANT: Buchardt, Ole
; APPLICANT: Dueholm, Kim L.
; APPLICANT: Christensen, Leif
; TITLE OF INVENTION: Linked Peptide Nucleic Acids
; FILE REFERENCE: ISTS1577
; CURRENT APPLICATION NUMBER: US/08/275,951
; CURRENT FILING DATE: 1994-07-15
; PRIOR APPLICATION NUMBER: 08/108,591
; PRIOR FILING DATE: 1993-11-22
; PRIOR APPLICATION NUMBER: 08/088,658
; PRIOR FILING DATE: 1993-07-02
; PRIOR APPLICATION NUMBER: 08/088,661
; PRIOR FILING DATE: 1993-07-02
; PRIOR APPLICATION NUMBER: PCT/EP92/01219
; PRIOR FILING DATE: 1992-05-22
; PRIOR APPLICATION NUMBER: 986/91
; PRIOR FILING DATE: 1991-05-22
; PRIOR APPLICATION NUMBER: 987/91
; PRIOR FILING DATE: 1991-05-24
; PRIOR APPLICATION NUMBER: 510/92
; PRIOR FILING DATE: 1991-04-15
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 46
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6451968el Sequence
; NAME/KEY: misc_feature
; LOCATION: (5)..(6)
; OTHER INFORMATION: N is Pseudoisocytosine
; NAME/KEY: misc_feature
; LOCATION: (8)
; OTHER INFORMATION: N is Pseudoisocytosine
; NAME/KEY: misc_feature
; LOCATION: (10)
; OTHER INFORMATION: N is Pseudoisocytosine
; NAME/KEY: misc_feature
; LOCATION: (10)..(11)
; OTHER INFORMATION: Ethylene Glycol, Ethylene Glycol
; OTHER INFORMATION: Linkage
US-08-275-951-46

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 73.7%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4021 AAAAGAGAGAAACAAA 4039
DB 20 AAAAGAGAGAGNANNAAAA 2

RESULT 3020

US-09-358-383C-21/c
; Sequence 21, Application US/09358383C
; Patent No. 6518398
; GENERAL INFORMATION:
; APPLICANT: Curtis, Rory A.J.
; TITLE OF INVENTION: NOVEL POTASSIUM CHANNEL MOLECULES AND USES THEREFOR
; FILE REFERENCE: MNT-055CP
; CURRENT APPLICATION NUMBER: US/09/358,383C
; CURRENT FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: US98 09/119,855
; PRIOR FILING DATE: 1998-07-21
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-358-383C-21

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3654 AGAATACCCAGAC 3668
DB 18 AGAATACCCAGAC 4

RESULT 3021
US-07-984-044A-9
; Sequence 9, Application US/07984044A
; Patent No. 5461145
; GENERAL INFORMATION:
; APPLICANT: Kudo, T. et al.
; TITLE OF INVENTION: Sexing Method Of Bovine Embryos
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/984,044A
; FILING DATE: 02-DEC-1992
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Mistrock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 7005-053
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212 790-9090
; TELEFAX: 212 869-8864/9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-07-984-044A-9

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 7070 GTTGATGCTGAG 7084
Db 1 GGTGAATGCTGAG 15

RESULT 3022
US-08-071-601-15
Sequence 15, Application US/08071601
Patent No. 5530177
GENERAL INFORMATION:
APPLICANT: BLECK, GREGORY T.
APPLICANT: BREMEL, ROBERT D.
TITLE OF INVENTION: DNA SEQUENCE ENCODING BOVINE
TITLE OF INVENTION: ALPHA-LACTALBUMIN AND METHODS OF USE
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSEE: ANDRUS, SCALDES, STARK & SAWALL
STREET: 100 E. WISCONSIN AVE., SUITE 1100
CITY: MILWAUKEE
STATE: WI
COUNTRY: USA
ZIP: 53202-4178
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/071.601
FILING DATE:
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/744.765
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Sata, Charles S
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: F. 3262-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 255-2022
TELEFAX: (608) 255-2182
TELEX: 26832 ANDSTARK
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-071-601-15

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 4450 TGGGTGCTGCTGACT 4464
Db 5 TGGGTGCTGCTGCTGACT 19

RESULT 3023
US-08-271-942A-106/C
Sequence 106, Application US/08271942A
Patent No. 5550020
GENERAL INFORMATION:
APPLICANT: Gallie, Brenda L.
APPLICANT: Dunn, James M.
APPLICANT: Stevens, John K.
TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
TITLE OF INVENTION: and Targeted Screening for Retinoblastoma
NUMBER OF SEQUENCES: 123
CORRESPONDENCE ADDRESS:
ADDRESSEE: Oppedahl & Larson

STREET: 1992 Commerce Street, Suite 309
CITY: Yorktown Heights
STATE: NY
COUNTRY: USA
ZIP: 10598-4412
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS 5.0
SOFTWARE: Word Perfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/271.942A
FILING DATE: 08-JUL-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Marina T. Larson
REGISTRATION NUMBER: 32,038
REFERENCE/DOCKET NUMBER: VGEN.P-003-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 245-3252
TELEFAX: (914) 962-4330
TELEX:
INFORMATION FOR SEQ ID NO: 106:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
HYPOTHETICAL: no
ANTI-SENSE: no
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
ORGANISM: human
FEATURE:
NAME/KEY: primer for exon 20 of human Rb1 gene
US-08-271-942A-106

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 4588 TTGACTGCTCATTTT 4602
Db 16 TTTACTGCTCATTTT 2

RESULT 3024
US-07-977-284A-116/C
Sequence 116, Application US/07977284A
Patent No. 5558988
GENERAL INFORMATION:
APPLICANT: Plockop, Darwin J.
APPLICANT: Ala-Kokko, Leena
APPLICANT: Williams, Charlene J.
APPLICANT: Rivanleml, Pertti
APPLICANT: Baldwin, Clinton
APPLICANT: Hopkinson, Ian
APPLICANT: Ahmed, Niofer Nina
TITLE OF INVENTION: METHODS OF DETECTING A GENETIC
TITLE OF INVENTION: PREDISPOSITION FOR OSTEOARTHRITIS
NUMBER OF SEQUENCES: 261
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5558988r1s
STREET: One Liberty Place, 46th floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordperfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/977,284A
FILING DATE: 13-NOV-1992
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Deluca, Mark
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TJU-0697
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 116:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
ANTI-SENSE: YES
US-07-977-284A-116

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6923 AGAGCTCTGGCTGC 6937
DB 15 AGAGCTCTGGCTGC 1

RESULT 3025
US-07-977-284A-118
Sequence 118, Application US/07977284A
Patent No. 5558988
GENERAL INFORMATION:
APPLICANT: Prockock, Darwin J.
APPLICANT: Aja-Kokko, Leena
APPLICANT: Williams, Charlene J.
APPLICANT: Rivvianiem, Pertti
APPLICANT: Baldwin, Clinton
APPLICANT: Hopkinson, Ian
APPLICANT: Ahmad, Nilofar Nina
TITLE OF INVENTION: METHODS OF DETECTING A GENETIC
TITLE OF INVENTION: PREDISPOSITION FOR OSTEOARTHRITIS
NUMBER OF SEQUENCES: 261
CORRESPONDENCE ADDRESS:
ADDRESSER: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5558988ris
STREET: One liberty place, 46th floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordperfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/977,284A
FILING DATE: 13-NOV-1992
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Deluca, Mark
REGISTRATION NUMBER: 33,229

REFERENCE/DOCKET NUMBER: TJU-0697
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 118:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
ANTI-SENSE: NO
US-07-977-284A-118

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6923 AGAGCTCTGGCTGC 6937
DB 6 AGAGCTCTGGCTGC 20

RESULT 3026
US-08-250-856A-15
Sequence 15, Application US/08250856A
Patent No. 5563255
GENERAL INFORMATION:
APPLICANT: Monia, Brett P. and Boggs, Russell T.
TITLE OF INVENTION: Antisense Oligonucleotide Modulation
TITLE OF INVENTION: of raf Gene Expression
NUMBER OF SEQUENCES: 39
CORRESPONDENCE ADDRESS:
ADDRESSER: Law Offices of Jane Massey Licata
STREET: 210 Lake Drive East, Suite 201
CITY: Cherry Hill
STATE: NJ
ZIP: 08002
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/250,856A
FILING DATE: May 31, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISBH-0094
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-250-856A-15

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5936 CTGGGCTGACTGCC 5950
DB 2 CAGGGCTGACTGCC 16

RESULT 3027
US-08-118-441-3/c
Sequence 3, Application US/08118441
Patent No. 5578493
GENERAL INFORMATION:
APPLICANT: Gilliam, T. Conrad
APPLICANT: Tanzil, Rudolph B.
TITLE OF INVENTION: ISOLATION AND USES OF A WILSON'S DISEASE
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham
STREET: 30 Rockefeller Plaza
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10112
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/118,441
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 0575/44011
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 977-9550
TELEFAX: (212) 664-0525
TELEX: 422523 COOP UI
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
US-08-118-441-3

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5029 GAGGAGCTCACTGG 5043
DB 16 GAGGCTGCTCACTGG 2

RESULT 3028
US-08-222-177A-237
Sequence 237, Application US/08222177A
Patent No. 5582979
GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dc-da)n.(dg-dt)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSEE: Demilt Ross & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
CITY: Madison
STATE: Wisconsin
COUNTRY: USA
ZIP: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 831-2100
TELEFAX: (608) 831-2106
TELEX:
INFORMATION FOR SEQ ID NO: 237:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
IMMEDIATE SOURCE:
CLONE: md64p2
US-08-222-177A-237

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5970 AGAGCACTGACCTG 5984
DB 5 AGAGAACTGACCTG 19

RESULT 3029
US-08-222-177A-285
Sequence 285, Application US/08222177A
Patent No. 5582979
GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dc-da)n.(dg-dt)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSEE: Demilt Ross & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
CITY: Madison
STATE: Wisconsin
COUNTRY: USA
ZIP: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 831-2100
TELEFAX: (608) 831-2106

TELEX:
INFORMATION FOR SEQ ID NO: 285:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
IMMEDIATE SOURCE:
CLONE: mfd85p1
US-08-222-177A-285

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 5706 TCCTTTCCCTCTCT 5720
Db 3 TCCTTTCCCTCTCT 17

RESULT 3030
US-08-202-990-3/c
; Sequence 3, Application US/08202990
; Patent No. 5614377
; GENERAL INFORMATION:
; APPLICANT: Bulawa, Christine
; TITLE OF INVENTION: METHODS FOR IDENTIFYING INHIBITORS OF
; TITLE OF INVENTION: FUNGAL PATHOGENICITY
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: MA
; COUNTRY: USA
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/202,990
; FILING DATE:
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Granahan, Patricia
; REGISTRATION NUMBER: 32,227
; REFERENCE/DOCKET NUMBER: MYC93-08
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 861-6240
; TELEFAX: (617) 861-9540
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-202-990-3

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 6556 CTGCTGACAGTTT 6570
Db 20 CTGCTGACAGTTT 6

RESULT 3031
US-07-976-103A-14
; Sequence 14, Application US/07976103A

Patent No. 5645985
; GENERAL INFORMATION:
; APPLICANT: FROEHLER, BRIAN
; APPLICANT: WAGNER, RICK
; APPLICANT: MATTEUCCI, MARK
; APPLICANT: JONES, ROBERT J.
; APPLICANT: GUTIERREZ, ARNOLD J.
; APPLICANT: PUDLO, JEFF
; TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
; TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GILEAD SCIENCES, INC.
; STREET: 353 Lakeside Drive
; CITY: Foster City
; STATE: California
; COUNTRY: USA
; ZIP: 94404

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/976,103A
FILING DATE: 25-NOV-1992

CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 162.3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
TELEFAX: (415) 573-4899

TELEX:
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: modified_base
LOCATION: 6 /note= "This position is C" =
OTHER INFORMATION: /note= "This position is C" =
OTHER INFORMATION: 5-methyl-2'-deoxycytidine."
FEATURE:
NAME/KEY: modified_base
LOCATION: 9 /note= "This position is C" =
OTHER INFORMATION: /note= "This position is C" =
OTHER INFORMATION: 5-methyl-2'-deoxycytidine."
FEATURE:
NAME/KEY: modified_base
LOCATION: 17 /note= "This position is C" =
OTHER INFORMATION: /note= "This position is C" =
OTHER INFORMATION: 5-methyl-2'-deoxycytidine."
FEATURE:
NAME/KEY: modified_base
LOCATION: 20 /note= "This position is C" =
OTHER INFORMATION: /note= "This position is C" =
OTHER INFORMATION: 5-methyl-2'-deoxycytidine."
US-07-976-103A-14

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 77.8%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4464 TTTTNTTNTTNTTNTT 4481
Db 2 TTTTNTTNTTNTTNTT 19

RESULT 3032

US-08-458-393-9
Sequence 9, Application US/08458393
Patent No. 5661011
GENERAL INFORMATION:
APPLICANT: Kudo, T. et al.
TITLE OF INVENTION: Sexing Method Of Bovine Embryos
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/458,393
FILING DATE: 02-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/984,044
FILING DATE: 02-DEC-1992
ATTORNEY/AGENT INFORMATION:
NAME: Mirock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 7005-053
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212 790-9090
TELEFAX: 212 869-8864/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-458-393-9

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 7070 GTTGATGCACTGAG 7084
Db 1 GCTGAATGCACTGAG 15

RESULT 3033
US-08-487-141B-20/c
Sequence 20, Application US/08487141B
Patent No. 5683987
GENERAL INFORMATION:
APPLICANT: Smith, Larry J.
TITLE OF INVENTION: Therapeutic Oligonucleotides
NUMBER OF SEQUENCES: 114
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dunn, Dorfman, Herrell and Skillman
STREET: 1601 Market Street Suite 720
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103-2307
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487,141B
FILING DATE: 07-JUN-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/379,180
FILING DATE: 12-JUL-1994
ATTORNEY/AGENT INFORMATION:
NAME: Hagan, Patrick J.
REGISTRATION NUMBER: 27,643
REFERENCE/DOCKET NUMBER: 63082C
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215)563-4100
TELEFAX: (215)563-4044
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: not relevant
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-487-141B-20

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3217 GTGGGTGGAGAG 3231
Db 16 GTGGGTGGAGAG 2

RESULT 3034
US-08-255-892-103
Sequence 103, Application US/08255892
Patent No. 5695926
GENERAL INFORMATION:
APPLICANT: CROS, PHILIPPE
APPLICANT: ALLIBERT, PATRICE
APPLICANT: MALLET, FRANCOIS
APPLICANT: MARILLAT, CLAUDE
TITLE OF INVENTION: PROCEDURE FOR DETECTION OF A NUCLEOTIDE
TITLE OF INVENTION: SEQUENCE BY IMPLEMENTING THE SANDWICH HYBRIDIZATION
NUMBER OF SEQUENCES: 113
CORRESPONDENCE ADDRESS:
ADDRESSEE: CUSHMAN, DARBY & CUSHMAN
STREET: 1100 NEW YORK AVENUE, N.W.
CITY: WASHINGTON
STATE: D.C.
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/255,892
FILING DATE: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/834,543
FILING DATE: 11-FEB-1992
ATTORNEY/AGENT INFORMATION:
NAME: DEAYER, DONALD B.
REGISTRATION NUMBER: 23,048
REFERENCE/DOCKET NUMBER: 1032/94109
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-861-3000

TELEFAX: 202-822-0944
TELEX: 6714627 CUSH
INFORMATION FOR SEQ ID NO: 103:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-255-892-103

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 87.5%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3253 AATCAGAAAAGACTA 3268
|||||
Db 3 AATCAGAAAAGACTA 18

RESULT 3035
US-08-171-718-13
Sequence 13, Application US/08171718
Patent No. 5707863
GENERAL INFORMATION:
APPLICANT: Triofalter, James A.
APPLICANT: Maccollin, Mia M.
APPLICANT: Gubella, James F.
TITLE OF INVENTION: Tumor Suppressor Gene Merlin and Uses
TITLE OF INVENTION: Theroef
NUMBER OF SEQUENCES: 120
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: 1100 New York Avenue, N.W., Suite 600
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005-3934
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/171,718
FILING DATE: 22-DEC-1993
CLASSIFICATION: 436
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/108,808
FILING DATE: 19-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/022,034
FILING DATE: 25-FEB-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/026,063
FILING DATE: 04-MAR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Brown, Anne
REGISTRATION NUMBER: 36,463
REFERENCE/DOCKET NUMBER: 0609.3850003
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-171-718-13

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 3451 CTTCTCTCCTGAC 3465
|||||
Db 3 CTTCTCTCCTGAC 17

RESULT 3036
US-08-605-089-18/c
Sequence 18, Application US/08605089
Patent No. 5719026
GENERAL INFORMATION:
APPLICANT: Takafumi FUKUI
APPLICANT: Kiyomori KATSURAGI
APPLICANT: Moritoshi KINOSHITA
APPLICANT: Sadahito SHIN
TITLE OF INVENTION: METHOD FOR DETECTING POLYMORPHISM OF
TITLE OF INVENTION: HUMAN CYTOCHROME P450LA2 GENE
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
ADDRESSEE: SUGHRUB, MION, ZINN, MACPEAK & SEAS
STREET: 2100 Pennsylvania Avenue, N.W.
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/605,089
FILING DATE: 06-MAR-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JPA-6-154571
FILING DATE: 06-JUL-1994
APPLICATION NUMBER: PCT/Jp95/01352
FILING DATE: 06-JUL-1995
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 BASES
TYPE: NUCLEOTIDE
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
MOLECULE TYPE: DNA
US-08-605-089-18

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2743 GTGAGGTTCCAG 2757
|||||
Db 16 GTGAGGTTCCAG 2

RESULT 3037
US-08-665-966-16/c
Sequence 16, Application US/08665966
Patent No. 5756328
GENERAL INFORMATION:
APPLICANT: Steffens, John C.
APPLICANT: Ghangas, Gurdev S.
TITLE OF INVENTION: Acyl Transferase and Gene Encoding Acyl
TITLE OF INVENTION: Transferase
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jones, Tullar & Cooper, P.C.
STREET: P.O. Box 2266 Bads Station
CITY: Arlington
STATE: Virginia
COUNTRY: USA
ZIP: 22202

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US 08/665,966
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Spector, Eric S.
REGISTRATION NUMBER: 22495
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-415-1500
TELEFAX: 703-415-1508
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-665-966-16

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5707 CTTTTCCTCTCTC 5721
DB 19 CTTTTCCTCTCTC 5

RESULT 3038
US-08-473-481-14
Sequence 14; Application US/08473481
Patent No. 5830653
GENERAL INFORMATION:
APPLICANT: FROELER, BRIAN
APPLICANT: WAGNER, RICK
APPLICANT: MATTEUCCI, MARK
APPLICANT: JONES, ROBERT J.
APPLICANT: GUTIERREZ, ARNOLD J.
APPLICANT: PUDOLO, JEFF
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: GILEAD SCIENCES, INC.
STREET: 353 Lakeside Drive
CITY: Foster City
STATE: California
COUNTRY: USA
ZIP: 94404

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US 08/473,481
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/976,103
FILING DATE: 25-NOV-1992
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/965,941
FILING DATE: 23-OCT-1992
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/338,352

FILING DATE: 14-NOV-1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/935,444
FILING DATE: 25-AUG-1992
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/799,824
FILING DATE: 26-NOV-1991
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: MUECHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 162.3D
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
TELEFAX: (415) 573-4899
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: modified_base
LOCATION: 6
OTHER INFORMATION: /note= "This position is C" =
OTHER INFORMATION: 5-methyl-2'-deoxycytidine."
FEATURE:
NAME/KEY: modified_base
LOCATION: 9
OTHER INFORMATION: /note= "This position is C" =
OTHER INFORMATION: 5-methyl-2'-deoxycytidine."
FEATURE:
NAME/KEY: modified_base
LOCATION: 17
OTHER INFORMATION: /note= "This position is C" =
OTHER INFORMATION: 5-methyl-2'-deoxycytidine."
FEATURE:
NAME/KEY: modified_base
LOCATION: 20
OTHER INFORMATION: /note= "This position is C" =
OTHER INFORMATION: 5-methyl-2'-deoxycytidine."
US-08-473-481-14

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 77.8%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4464 TTTTNTTNTTNTTNTT 4481
DB 2 TTTTNTTNTTNTTNTT 19

RESULT 3039
US-08-621-100-15
Sequence 15; Application US/08621100
Patent No. 5850000
GENERAL INFORMATION:
APPLICANT: BLECK, GREGORY T.
APPLICANT: BREMEL, ROBERT D.
TITLE OF INVENTION: DNA SEQUENCE ENCODING BOVINE
TITLE OF INVENTION: ALPHA-LACTALBUMIN AND METHODS OF USE
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSEE: ANDRUS, SCARLES, STARK & SAWALL
STREET: 100 E. WISCONSIN AVE., SUITE 1100
CITY: MILWAUKEE
STATE: WI
COUNTRY: USA
ZIP: 53202-4178
COMPUTER READABLE FORM:

```

; MEDIUM TYPE: floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/621,100
; FILING DATE: 22-MAR-1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/071,601
; FILING DATE:
; APPLICATION NUMBER: US/07/744,765
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: F. 3262-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 255-2022
; TELEFAX: (608) 255-2182
; TELEX: 26832 ANDSTARK
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-621-100-15

Query Match      0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4450 TGGGTGCATGCAGCT 4464
Db      5 TGGGTGCATGCAGT 19

RESULT 3040
US-08-117-952-142
; Sequence 142, Application US/08117952
; Patent No. 5851760
; GENERAL INFORMATION:
; APPLICANT: Evans, Glen A.
; APPLICANT: Smith, Michael W.
; TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
; TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
; NUMBER OF SEQUENCES: 797
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
; STREET: 444 South Flower Street, Suite 2000
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/117,952
; FILING DATE: 07-SEP-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/078,471
; FILING DATE: 15-JUN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Reiter, Stephen E.
; REGISTRATION NUMBER: 31,192
; REFERENCE/DOCKET NUMBER: P41 9423
; TELECOMMUNICATION INFORMATION:
```

```

; TELEPHONE: 619-546-4737
; TELEFAX: 619-546-9392
; INFORMATION FOR SEQ ID NO: 142:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Oligonucleotide
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-117-952-142

Query Match      0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1303 AAGGCCAGCAGCTAGA 1317
Db      4 AAGGCCAGCAGCTAGA 18

RESULT 3041
US-08-117-952-148
; Sequence 148, Application US/08117952
; Patent No. 5851760
; GENERAL INFORMATION:
; APPLICANT: Evans, Glen A.
; APPLICANT: Smith, Michael W.
; TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
; TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
; NUMBER OF SEQUENCES: 797
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
; STREET: 444 South Flower Street, Suite 2000
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/117,952
; FILING DATE: 07-SEP-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/078,471
; FILING DATE: 15-JUN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Reiter, Stephen E.
; REGISTRATION NUMBER: 31,192
; REFERENCE/DOCKET NUMBER: P41 9423
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-546-4737
; TELEFAX: 619-546-9392
; INFORMATION FOR SEQ ID NO: 148:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Oligonucleotide
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-117-952-148

Query Match      0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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OY 1839 GCAGTGTGCGAGT 1853
 Db 5 GCAGTGTGCGAGT 19

RESULT 3042

US-08-651-692-10
 ; Sequence 10, Application US/08651692
 ; Patent No. 5856099

GENERAL INFORMATION:

APPLICANT: Loren Miraglia, Thomas Geiger,
 APPLICANT: Clarence Frank Bennett and Nicholas M. Dean
 TITLE OF INVENTION: Compositions and Methods for
 ; TITLE OF INVENTION: Modulating Type I Interleukin-1 Receptor Expression
 ; NUMBER OF SEQUENCES: 42
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSER: Law Offices of Jane Massey Licata
 STREET: 210 Lake Drive East, Suite 201
 CITY: Cherry Hill
 STATE: NJ
 COUNTRY: USA
 ZIP: 08002

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 MEDIUM TYPE: IBM PS/2
 OPERATING SYSTEM: PC-DOS
 SOFTWARE: WORDPERFECT 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/651,692
 FILING DATE: Herewith
 CLASSIFICATION: 536
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Jane Massey Licata
 REGISTRATION NUMBER: 32,257
 REFERENCE/DOCKET NUMBER: ISPH-0144
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (609) 779-2400
 TELEFAX: (609) 779-8488
 INFORMATION FOR SEQ ID NO: 10:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20
 TYPE: Nucleic Acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 ANTI-SENSE: Yes
 US-08-651-692-10

Query Match 0.2%; Score 13.4; DB 1; Length 20;
 Best Local Similarity 93.3%; Pred. No. 2.4e+03;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 2084 GTGCTACTGTGCGG 2098
 Db 2 GTGCTACGTCGCGG 16

RESULT 3043

US-08-927-561-20/c
 ; Sequence 20, Application US/08927561
 ; Patent No. 5874567

GENERAL INFORMATION:

APPLICANT: Smith, Larry J.
 TITLE OF INVENTION: Therapeutic Oligonucleotides
 ; TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes
 ; NUMBER OF SEQUENCES: 114
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSER: Dann, Doreman, Herrell and Skillman
 STREET: 1601 Market Street Suite 720
 CITY: Philadelphia

STATE: PA
 COUNTRY: USA
 ZIP: 19103-2307

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/927,561
 FILING DATE: 08-SEPT-1997
 CLASSIFICATION: 536
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/487,141
 FILING DATE: 05-JUN-1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Rigaut, Kathleen D.
 REGISTRATION NUMBER: P43,047
 REFERENCE/DOCKET NUMBER: 63082C1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (215)563-4100
 TELEFAX: (215)563-4044
 INFORMATION FOR SEQ ID NO: 20:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: not relevant
 MOLECULE TYPE: DNA (genomic)
 HYPOTHETICAL: NO
 ANTI-SENSE: YES
 US-08-927-561-20

Query Match 0.2%; Score 13.4; DB 1; Length 20;
 Best Local Similarity 93.3%; Pred. No. 2.4e+03;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 3217 GTGGTGGGAGGAGG 3231
 Db 16 GTGGTGGGAGGAGG 2

RESULT 3044

US-08-761-243C-10/c
 ; Sequence 10, Application US/08761243C
 ; Patent No. 5879879

GENERAL INFORMATION:

APPLICANT: Kamal D. Mehra
 TITLE OF INVENTION: No. 5879879e1 Cis-Acting Element In The Human LDL Receptor Pr
 ; NUMBER OF SEQUENCES: 28
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSER: Benjamin Aaron Adler, Ph.D., J.D.
 STREET: 8011 Candle Lane
 CITY: Houston
 STATE: Texas
 COUNTRY: USA
 ZIP: 77071

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
 COMPUTER: Apple Macintosh
 OPERATING SYSTEM: Macintosh
 SOFTWARE: Microsoft Word for Macintosh
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/761,243C
 FILING DATE: December 6, 1996
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Benjamin Aaron Adler, Ph.D., J.D.
 REGISTRATION NUMBER: 35,423
 REFERENCE/DOCKET NUMBER: D5956
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 713-777-2321
 TELEFAX: 713-777-6908

;/ INFORMATION FOR SEQ ID NO: 10:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 20 bp
;/ TYPE: nucleic acid
;/ STRANDEDNESS: single-stranded
;/ TOPOLOGY: linear
;/ MOLECULE TYPE:
;/ DESCRIPTION: other nucleic acid
;/ HYPOTHETICAL: No
;/ ANTI-SENSE: No
;/ ORIGINAL SOURCE:
;/ US-08-761-243C-10

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2421 CAACATCACCACCC 2435
DB 15 CAACATCACCACCC 1

RESULT 3045
US-08-478-178A-115/C
Sequence 115, Application US/08478178A
Patent No. 5882927
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of
TITLE OF INVENTION: Protein
NUMBER OF SEQUENCES: 121
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/478,178A
FILING DATE: herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-1154
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 115:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes

Kinase C

US-08-478-178A-115

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 8 GCTGCGCGGCGCTC 22
| | | | | | | | | | | | | | | | | |

DB 16 GATGCGCGGCGCTC 2

RESULT 3046
US-08-488-177-115/C
Sequence 115, Application US/08488177
Patent No. 5885970
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of
TITLE OF INVENTION: Protein Kinase C
NUMBER OF SEQUENCES: 121
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,177
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legaard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: ISIS-1995
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 115:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes

US-08-488-177-115

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 8 GCTGCGCGGCGCTC 22
DB 16 GATGCGCGGCGCTC 2

RESULT 3047
US-08-481-072A-115/C
Sequence 115, Application US/08481072A
Patent No. 5916807
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of
TITLE OF INVENTION: Protein
NUMBER OF SEQUENCES: 121
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA

Kinase C

```

;
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/481,072A
; FILING DATE: herewilch
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,852
; FILING DATE: March 16, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Rebecca Ralph Gaumond
; REGISTRATION NUMBER: 35,152
; REFERENCE/DOCKET NUMBER: ISIS-1154
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 115:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
; US-08-481-072A-115

Query Match      0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      8 GCTGCGCGGCGCTC 22
      |||||
Db      16 GATGCGCGGCGCTC 2

RESULT 3048
US-08-664-336-115/c
; Sequence 115, Application US/08664336
; Patent No. 5922866
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett
; TITLE OF INVENTION: Oligonucleotide Modulation of Protein
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & No. 5922866ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 720 kb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/664,336
; FILING DATE: herewilch
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,852
; FILING DATE: March 16, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 089,996
; FILING DATE: July 9, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-2345
```

```

;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 115:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
; US-08-664-336-115

Query Match      0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      8 GCTGCGCGGCGCTC 22
      |||||
Db      16 GATGCGCGGCGCTC 2

RESULT 3049
US-08-866-650-7/c
; Sequence 7, Application US/0886650
; Patent No. 5933321
; GENERAL INFORMATION:
; APPLICANT: Greenspan, Daniel S
; APPLICANT: Hoffmann, Kazuhiko
; APPLICANT: Hoffman, Guy G
; TITLE OF INVENTION: Mammalian Tolloid-Like Protein
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Charles & Brady
; STREET: 1 South Pinckney Street
; CITY: Madison
; STATE: WI
; COUNTRY: US
; ZIP: 53703
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/866,650
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Berson, Bennett J
; REGISTRATION NUMBER: 37094
; REFERENCE/DOCKET NUMBER: 960296.93839
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 608-251-5000
; TELEFAX: 608-251-9166
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Oligonucleotide primer"
; US-08-866-650-7

Query Match      0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1029 GATGAAGAGAGTA 1043
      |||||
Db      20 GATGAAGTGAAGTA 6
```

```
RESULT 3050
US-08-256-426B-116/c
; Sequence 116, Application US/08256426B
; Patent No. 5948611
; GENERAL INFORMATION:
; APPLICANT: Prockop, Darwin J.
; APPLICANT: Ala-Kokko, Leena
; APPLICANT: Williams, Charlene J.
; APPLICANT: Rytvanenmi, Pertti
; APPLICANT: Baldwin, Clinton
; APPLICANT: Hopkinson, Ian
; APPLICANT: Ahmad, Nilofar Nina
; TITLE OF INVENTION: Methods of Detecting A Genetic
; NUMBER OF SEQUENCES: 293
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5948611xis
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows 3.1
; SOFTWARE: WORDPERECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/256,426B
; FILING DATE: 03-FEB-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/10964
; FILING DATE: 12-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/977,284
; FILING DATE: 13-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Mark Deluca
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TJU-1082
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 116:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; ANTI-SENSE: YES
US-08-256-426B-116

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```

; TITLE OF INVENTION: Methods of Detecting A Genetic
; NUMBER OF SEQUENCES: 293
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5948611xis
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows 3.1
; SOFTWARE: WORDPERECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/256,426B
; FILING DATE: 03-FEB-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/10964
; FILING DATE: 12-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/977,284
; FILING DATE: 13-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Mark Deluca
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TJU-1082
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 118:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; ANTI-SENSE: NO
US-08-256-426B-118

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```

; APPLICANT: Honkanen, Richard E
; APPLICANT: Dean, Nicholas M
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jaackle Fleischmann & Muegel, LLP
; STREET: 39 State Street
; CITY: Rochester
; STATE: New York
; COUNTRY: USA
; ZIP: 14614-1310
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/975,211
US-08-975-211-27
; Sequence 27, Application US/08975211
; Patent No. 5948902
; GENERAL INFORMATION:
; APPLICANT: Prockop, Darwin J.
; APPLICANT: Ala-Kokko, Leena
; APPLICANT: Williams, Charlene J.
; APPLICANT: Rytvanenmi, Pertti
; APPLICANT: Baldwin, Clinton
; APPLICANT: Hopkinson, Ian
; APPLICANT: Ahmad, Nilofar Nina
US-08-256-426B-118
; Sequence 118, Application US/08256426B
; Patent No. 5948611
; GENERAL INFORMATION:
; APPLICANT: Prockop, Darwin J.
; APPLICANT: Ala-Kokko, Leena
; APPLICANT: Williams, Charlene J.
; APPLICANT: Rytvanenmi, Pertti
; APPLICANT: Baldwin, Clinton
; APPLICANT: Hopkinson, Ian
; APPLICANT: Ahmad, Nilofar Nina
US-08-256-426B-116
```

```

; APPLICANT: Honkanen, Richard E
; APPLICANT: Dean, Nicholas M
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jaackle Fleischmann & Muegel, LLP
; STREET: 39 State Street
; CITY: Rochester
; STATE: New York
; COUNTRY: USA
; ZIP: 14614-1310
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/975,211
US-08-975-211-27
; Sequence 27, Application US/08975211
; Patent No. 5948902
; GENERAL INFORMATION:
; APPLICANT: Prockop, Darwin J.
; APPLICANT: Ala-Kokko, Leena
; APPLICANT: Williams, Charlene J.
; APPLICANT: Rytvanenmi, Pertti
; APPLICANT: Baldwin, Clinton
; APPLICANT: Hopkinson, Ian
; APPLICANT: Ahmad, Nilofar Nina
US-08-256-426B-118
; Sequence 118, Application US/08256426B
; Patent No. 5948611
; GENERAL INFORMATION:
; APPLICANT: Prockop, Darwin J.
; APPLICANT: Ala-Kokko, Leena
; APPLICANT: Williams, Charlene J.
; APPLICANT: Rytvanenmi, Pertti
; APPLICANT: Baldwin, Clinton
; APPLICANT: Hopkinson, Ian
; APPLICANT: Ahmad, Nilofar Nina
US-08-256-426B-116
```


FILING DATE: 514
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Braman, Susan J
REGISTRATION NUMBER: 34,103
REFERENCE/DOCKET NUMBER: 87647.97R407
TELECOMMUNICATION INFORMATION:
TELEPHONE: 716-262-3640
TELEFAX: 716-262-4133
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
ANTI-SENSE: YES
US-08-975-211-27

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5602 TTATGATGTCGCTTC 5616
DB 6 TTGATGTCGCTTC 20

RESULT 3053
US-08-756-806A-15
Sequence 15, Application US/08756806A
Patent No. 5952229
GENERAL INFORMATION:
APPLICANT: Monia, Brett P. and Boggs, Russell T.
TITLE OF INVENTION: Antisense Oligonucleotide Modulation
TITLE OF INVENTION: of raf Gene Expression
NUMBER OF SEQUENCES: 65
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/756, 806A
FILING DATE: No. 5952229ember 26, 1996
CLASSIFICATION: 516
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/071111
FILING DATE: May 31, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/250, 856
FILING DATE: May 31, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0200
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
APPLICANT: Yes
ANTI-SENSE: Yes

US-08-756-806A-15

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5936 CTGGCGTGGACTGCC 5950
DB 2 CAGGCGTGGACTGCC 16

RESULT 3054
US-08-481-066A-115/c
Sequence 115, Application US/08481066A
Patent No. 5959096
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett
TITLE OF INVENTION: Oligonucleotide Modulation of
TITLE OF INVENTION: Protein Kinase C
NUMBER OF SEQUENCES: 121
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & No. 5959096is
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/481, 066A
FILING DATE: herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-1154
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 115:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: Yes
US-08-481-066A-115

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 8 GCTGGCGGCGGCTTC 22
DB 16 GATGCGGCGGCTTC 2

RESULT 3055
US-08-343-443B-119/c
Sequence 119, Application US/08343443B
Patent No. 5968734
GENERAL INFORMATION:
APPLICANT: Aurias, Alain
APPLICANT: Delattre, Olivier
APPLICANT: Desmaze, Chantal

```
/
/ APPLICANT: Melot, Thomas
/ APPLICANT: Peter, Martine
/ APPLICANT: Ploougaestel, Beatrice
/ APPLICANT: Thomas, Gilles
/ APPLICANT: Zucman, Jessica
/ TITLE OF INVENTION: NUCLEIC ACID CORRESPONDING TO A GENE OF
/ TITLE OF INVENTION: CHROMOSOME 22 INVOLVED IN RECURRENT CHROMOSOMAL
/ TITLE OF INVENTION: TRANSLATIONS ASSOCIATED WITH THE DEVELOPMENT OF CANCEROUS
/ TITLE OF INVENTION: TUMORS, AND NUCLEIC ACIDS OF FUSION RESULTING FROM SAID
/ NUMBER OF SEQUENCES: 129
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Weiser & Associates
/ STREET: 230 South Fifteenth Street
/ CITY: Philadelphia
/ STATE: PA
/ COUNTRY: USA
/ ZIP: 19102
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: AEDIT 1.0 DOS text editor
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/343,443B
/ FILING DATE: 18-NOV-1994
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: PCT/FR93/00494
/ FILING DATE: 19-MAY-1993
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: FR 92/06123
/ FILING DATE: 20-MAY-1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Weiser, Gerard J.
/ REGISTRATION NUMBER: 19,763
/ REFERENCE/DOCKET NUMBER: 989.6121P
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 215-875-8383
/ TELEFAX: 215-875-8394
/ INFORMATION FOR SEQ ID NO: 119:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
US-08-343-443B-119

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3548 GGTGGTAACCACTG 3562
DB      17 GGTGGTAACCTAGTG 3

RESULT 3056
US-09-021-287-7/c
/ Sequence 7, Application US/09021287
/ Patent No. 5981717
/ GENERAL INFORMATION:
/ APPLICANT: Greenspan, Daniel S
/ APPLICANT: Takahara, Kazuhiko
/ APPLICANT: Hoffman, Guy G
/ TITLE OF INVENTION: Mammalian Tolloid-Like Protein
/ NUMBER OF SEQUENCES: 13
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Quarles & Brady
/ STREET: 1 South Plinckney Street
/ CITY: Madison
/ STATE: WI
/ COUNTRY: US
```

```
/
/ ZIP: 53703
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/021,287
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/866,650
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Berson, Bennett J
/ REGISTRATION NUMBER: 37094
/ REFERENCE/DOCKET NUMBER: 960296.93839
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 608-251-5000
/ TELEFAX: 608-251-9166
/ INFORMATION FOR SEQ ID NO: 7:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ DESCRIPTION: /desc = "oligonucleotide primer"
/
US-09-021-287-7

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1029 GATGAAGAGGAAGTA 1043
DB      20 GATGAAGTGGAAGTA 6

RESULT 3057
US-08-507-032-5
/ Sequence 5, Application US/08507032
/ Patent No. 5989810
/ GENERAL INFORMATION:
/ APPLICANT: Flanagan, William A.
/ APPLICANT: Crabtree, Gerald R.
/ TITLE OF INVENTION: Screening Methods for Immunosuppressive
/ TITLE OF INVENTION: Agents
/ NUMBER OF SEQUENCES: 19
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: William M. Smith
/ STREET: One Market Plaza, Stewart Tower, Suite 2000
/ CITY: San Francisco
/ STATE: California
/ COUNTRY: USA
/ ZIP: 94105
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/507,032
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/08/228,944
/ FILING DATE:
/ APPLICATION NUMBER: US 07/749,385
/ FILING DATE: 22-AUG-1991
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Smith, William M.
/ REGISTRATION NUMBER: 30,223
```

```

REFERENCE/DOCKET NUMBER: 5490A-89
TELECOMMUNICATION INFORMATION:
    TELEPHONE: 415-326-2400
    TELEFAX: 415-326-2422
    INFORMATION FOR SEQ ID NO: 5:
        SEQUENCE CHARACTERISTICS:
            LENGTH: 20 base pairs
            TYPE: nucleic acid
            STRANDEDNESS: single
            TOPOLOGY: linear
        MOLECULE TYPE: DNA (genomic)
FEATURE:
    NAME/KEY: misc feature
    LOCATION: 1..20
    OTHER INFORMATION: /note= "Purine Rich Core Sequence"
US-08-507-032-5

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No.2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3278 AAGAGGAAAAATGA 3292
       |||||
Db      4 AAGAGGAAAAATGA 18

RESULT 3058
US-08-874-186-48
Sequence 48, Application US/08874186
Patent No. 5989885
GENERAL INFORMATION:
APPLICANT: Teng, David H-F.
APPLICANT: Tavligian, Sean V.
APPLICANT: Perry III, William L.
APPLICANT: Skolnick, Mark H.
TITLE OF INVENTION: SPECIFIC MUTATIONS OF MAP KINASE KINASE
TITLE OF INVENTION: 4 (MKK4) IN HUMAN TUMOR CELL LINES IDENTIFY IT AS A TUMOR
NUMBER OF SEQUENCES: 96
CORRESPONDENCE ADDRESS:
ADDRESSER: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, N.W., Suite 1000
CITY: Washington
STATE: DC
COUNTRY: U.S.A.
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/874,186
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/782,482
FILING DATE: 10-JAN-1997
ATTORNEY/AGENT INFORMATION:
NAME: Saxe, Stephen A.
REGISTRATION NUMBER: 38,609
REFERENCE/DOCKET NUMBER: 24884-121392-01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4848
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 48:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "Primer."

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US-08-874-186-48
Query Match          0.2%   Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%   Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY      6869 GGCGAGGAGAGAGAGC 6883
       ||| ||||| |||||
Db      2 CGCGAGGAGAGAGAGC 16

RESULT 3059
US-08-940-250-9/c
Sequence 9, Application US/08940250
Patent No. 6001991
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, Nuthiah Manoharan
TITLE OF INVENTION: Antisense Oligonucleotide Modulation
TITLE OF INVENTION: Of MDR P-Glycoprotein Gene Expression
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marilton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/940.250
FILING DATE: Herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/731,199
FILING DATE: 10/4/96
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0217
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-08-940-250-9

Query Match          0.2%   Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%   Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY      6933 GCTGCTGTTTGGGCA 6947
       ||| ||||| |||||
Db      18 GCTGCTGTCTGGGCA 4

RESULT 3060
US-08-487-799-63
Sequence 63, Application US/08487799C
Patent No. 6010908
GENERAL INFORMATION:
APPLICANT: Gruenert, Dieter C.
APPLICANT: Kunzelmann, Karl
TITLE OF INVENTION: GENE THERAPY BY SMALL FRAGMENTS HOMOLOGOUS REPLACEMENT
FILE REFERENCE: 480.18-1(HV)

```

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; CURRENT APPLICATION NUMBER: US/08/487,799C
; CURRENT FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: 07/933,471
; EARLIER FILING DATE: 1992-08-21
; EARLIER APPLICATION NUMBER: 08/409,544
; EARLIER FILING DATE: 1995-03-24
; NUMBER OF SEQ ID NOS: 87
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 63
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: oligonucleotide
US-08-487-799-63

Query Match
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2673 TGACAGTGGAGGCG 2687
    |||||||
Db 5 TGTCACTGGAGGCG 19

RESULT 3061
US-08-578-615A-77/c
; Sequence 77, Application US/08578615A
; Patent No. 6015892
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett and Russell, T. Boggs
; TITLE OF INVENTION: Oligonucleotide Modulation of Protein KinaseC
; NUMBER OF SEQUENCES: 122
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Woodcock Washburn Kurtz Mackiewicz & No. 6015892rirs LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/578,615A
; FILING DATE: 11-JAN-1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,852
; FILING DATE: 16-MAR-1992
; APPLICATION NUMBER: 08/089,996
; FILING DATE: 09-JUL-1993
; APPLICATION NUMBER: 08/199,779
; FILING DATE: 22-FEB-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1568
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 77:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: Yes
US-08-578-615A-77
```

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Query Match
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 8 GCTGCGCGGCGCTC 22
    |||||||
Db 16 GATGCGCGGCGCTC 2

RESULT 3062
US-08-755-587-172
; Sequence 172, Application US/08755587
; Patent No. 6045997
; GENERAL INFORMATION:
; APPLICANT: Futreal, Phillip A
; APPLICANT: Wooster, Richard F
; APPLICANT: Ashworth, Alan
; APPLICANT: Stratton, Michael R
; TITLE OF INVENTION: Materials and methods relating to the
; TITLE OF INVENTION: Identification and sequencing of the BRCA2 cancer
; TITLE OF INVENTION: susceptibility gene and uses thereof.
; NUMBER OF SEQUENCES: 222
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Bell Seltzer Park & Gibson
; STREET: 310 UCB Plaza, 3605 Glenwood Avenue, PO Drawer 31107
; CITY: Raleigh
; STATE: NC
; COUNTRY: USA
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/755,587
; FILING DATE: 25-NOV-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9523959.6
; FILING DATE: 23-NOV-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9525555.0
; FILING DATE: 14-DEC-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9617961.9
; FILING DATE: 28-AUG-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Kenneth D Sibley
; REGISTRATION NUMBER: 31,665
; REFERENCE/DOCKET NUMBER: 5405-135
; INFORMATION FOR SEQ ID NO: 172:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-755-587-172

Query Match
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5602 TTTAGTGTGTCTTC 5616
    |||||||
Db 6 TGTAGTGTGTCTTC 20

RESULT 3063
US-09-357-070-8/c
; Sequence 8, Application US/09357070
; Patent No. 6046049
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowart
US-09-357-070-8/c
```

```

; TITLE OF INVENTION: ANTISENSE MODULATION OF P13 KINASE P110 DELTA EXPRESSION
; FILE REFERENCE: RTS-0076
; CURRENT APPLICATION NUMBER: US/09/357,070
; CURRENT FILING DATE: 1999-07-19
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-357-070-8

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 78 CCGGCGGAGCGCGCG 92
DB 15 CCGGCGGAGCGCGCG 1

RESULT 3064
US-09-344-001-20
; Sequence 20, Application US/09344001
; Patent No. 6054440
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowseart
; TITLE OF INVENTION: ANTISENSE MODULATION OF JUN N-TERMINAL KINASE KINASE-2 EXPRESSION
; FILE REFERENCE: RTS-0067
; CURRENT APPLICATION NUMBER: US/09/344,001
; CURRENT FILING DATE: 1999-06-24
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-344-001-20

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1774 CCAGGGAAGCGCG 1788
DB 2 CCAGGGAAGCGCG 16

RESULT 3065
US-08-779-916A-106/C
; Sequence 106, Application US/08779916A
; Patent No. 6063567
; GENERAL INFORMATION:
; APPLICANT: Gallie, Brenda L.
; APPLICANT: Dunn, James M.
; APPLICANT: Stevens, John K.
; APPLICANT: Hol, May
; TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
; TITLE OF INVENTION: and Targeted Screening for Retinoblastoma
; NUMBER OF SEQUENCES: 123
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Opedahl & Larson
; STREET: 1992 Commerce Street, Suite 309
; CITY: Yorktown Heights
; STATE: NY
; COUNTRY: USA
; ZIP: 10598-4412
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB
; COMPUTER: IBM Compatible
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; OPERATING SYSTEM: DOS 5.0
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/779,916A
; FILING DATE: 07-JAN-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/271,942
; FILING DATE: 08-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Marina T. Larson
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VGEN.P-003-US2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 245-3252
; TELEFAX: (914) 962-4330
; TELEX:
; INFORMATION FOR SEQ ID NO: 106:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; HYPOTHETICAL: no
; ANTI-SENSE: no
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:
; NAME/KEY: primer for exon 20 of human Rb1 gene
US-08-779-916A-106

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4588 TTGACTGTTCATTTT 4602
DB 16 TTGACTGTTCATTTT 2

RESULT 3066
US-09-041-780-16/C
; Sequence 16, Application US/09041780
; Patent No. 6066482
; GENERAL INFORMATION:
; APPLICANT: Steffens, John C.
; APPLICANT: Changae, Gurdev S.
; TITLE OF INVENTION: Acyl Transferase and Gene Encoding Acyl
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jones, Tullar & Cooper, P.C.
; STREET: P.O. Box 2266 Eads Station
; CITY: Arlington
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/041,780
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/665,966
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Spector, Eric S.
```

REGISTRATION NUMBER: 22495
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-415-1500
TELEFAX: 703-415-1508
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-09-041-780-16

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5707 CCTTTCCTCTCTC 5721
| | | | | | | | | | | | | | | | | | | | | |
DB 19 CTTTTCCTCTCTC 5

RESULT 3067
US-08-338-579A-3/C
Sequence 3, Application US/08338579A
Patent No. 6068975
GENERAL INFORMATION:
APPLICANT: Gilliam, T. Conrad
APPLICANT: Tanzil, Rudolph E.
TITLE OF INVENTION: ISOLATION AND USES OF A WILSON'S
TITLE OF INVENTION: DISEASE GENE
NUMBER OF SEQUENCES: 107
CORRESPONDENCE ADDRESS:
ADDRESSER: Cooper & Dunham
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/338,579A
FILING DATE: June 17, 1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 0575/44011-A-PCT-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 278-0400
TELEFAX: (212) 391-0525
TEXT:
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
US-08-338-579A-3

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 5029 GAGCAGCTCACTGG 5043
| | | | | | | | | | | | | | | | | | | | | |
DB 16 GAGCCTGCTCACTGG 2

RESULT 3068
US-08-478-087-13
Sequence 13, Application US/08478087
Patent No. 6077685
GENERAL INFORMATION:
APPLICANT: Trotter, James A.
APPLICANT: MacCollin, Mia M.
APPLICANT: Guseilla, James F.
TITLE OF INVENTION: Tumor Suppressor Gene Merlin and Uses
TITLE OF INVENTION: Thereof
NUMBER OF SEQUENCES: 120
CORRESPONDENCE ADDRESS:
ADDRESSER: Sterne, Kessler, Goldstein & Fox
STREET: 1100 New York Avenue, N.W., Suite 600
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005-3934
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/478,087
FILING DATE: 07-JUN-1995
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/171,718
FILING DATE: 22-DEC-1993
APPLICATION NUMBER: US 08/108,808
FILING DATE: 19-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/022,034
FILING DATE: 25-FEB-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/026,063
FILING DATE: 04-MAR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Brown, Anne
REGISTRATION NUMBER: 36,463
REFERENCE/DOCKET NUMBER: 0609.3850003
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2540
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-478-087-13

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3451 CTTCTCCTCCCTGAC 3465
| | | | | | | | | | | | | | | | | | | | | |
DB 3 CTTCTCCTCCCTGGC 17

RESULT 3069
US-09-166-166-69/C
Sequence 69, Application US/09166186A
Patent No. 6080380
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.

```

; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-a EXPRESSION
; FILE REFERENCE: ISPH-0322
; CURRENT APPLICATION NUMBER: US/09/166,186A
; CURRENT FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 250
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-166-186-69

Query Match      0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1502 AGGCTGCTGGGACA 1516
Db      16 AGGCTGCTGGCACA 2

RESULT 3070
US-09-166-186-150/c
; Sequence 150, Application US/09166186A
; Patent No. 6080580
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-a EXPRESSION
; FILE REFERENCE: ISPH-0322
; CURRENT APPLICATION NUMBER: US/09/166,186A
; CURRENT FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 250
; SEQ ID NO 150
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-166-186-150

Query Match      0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1502 AGGCTGCTGGGACA 1516
Db      20 AGGCTGCTGGCACA 6

RESULT 3071
US-09-166-186-151/c
; Sequence 151, Application US/09166186A
; Patent No. 6080580
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-a EXPRESSION
; FILE REFERENCE: ISPH-0322
; CURRENT APPLICATION NUMBER: US/09/166,186A
; CURRENT FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 250
; SEQ ID NO 151
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
```

```

US-09-166-186-151

Query Match      0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1502 AGGCTGCTGGGACA 1516
Db      19 AGGCTGCTGGCACA 5

RESULT 3072
US-09-166-186-152/c
; Sequence 152, Application US/09166186A
; Patent No. 6080580
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-a EXPRESSION
; FILE REFERENCE: ISPH-0322
; CURRENT APPLICATION NUMBER: US/09/166,186A
; CURRENT FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 250
; SEQ ID NO 152
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-166-186-152

Query Match      0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1502 AGGCTGCTGGGACA 1516
Db      18 AGGCTGCTGGCACA 4

RESULT 3073
US-09-166-186-153/c
; Sequence 153, Application US/09166186A
; Patent No. 6080580
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-a EXPRESSION
; FILE REFERENCE: ISPH-0322
; CURRENT APPLICATION NUMBER: US/09/166,186A
; CURRENT FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 250
; SEQ ID NO 153
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-166-186-153

Query Match      0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1502 AGGCTGCTGGGACA 1516
Db      17 AGGCTGCTGGCACA 3
```

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RESULT 3074
US-09-166-186-154/c
; Sequence 154, Application US/09166186A
; Patent No. 6080580
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF- $\alpha$  EXPRESSION
; FILE REFERENCE: ISPH-0322
; CURRENT APPLICATION NUMBER: US/09/166,186A
; CURRENT FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 250
; SEQ ID NO 154
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: antisense sequence
US-09-166-186-154

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1502 AGGGTCTGGGACA 1516
DB      15 AGGGTCTGGGACA 1

RESULT 3075
US-09-143-214-15
; Sequence 15, Application US/09143214
; Patent No. 6090626
; GENERAL INFORMATION:
; APPLICANT: Montia, Brett P. and Boggs, Russell T.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation
; TITLE OF INVENTION: of raf Gene Expression
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/143,214
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/756,806
; FILING DATE: No. 6090626ember 26, 1996
; APPLICATION NUMBER: PCT/US95/07111
; FILING DATE: May 31, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/250,856
; FILING DATE: May 31, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0200
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:

; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-143-214-15

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5936 CTGGGCTGACTGCC 5950
DB      2 CAGGGCTGACTGCC 16

RESULT 3076
US-08-850-347-10/c
; Sequence 10, Application US/08850347
; Patent No. 6110742
; GENERAL INFORMATION:
; APPLICANT: Soreq, Hermona
; APPLICANT: Seidman, Shlomo
; APPLICANT: Eckstein, Fritz
; TITLE OF INVENTION: SYNTHETIC ANTISENSE
; TITLE OF INVENTION: OLIGODEOXYNUCLEOTIDES AND PHARMACEUTICAL COMPOSITIONS
; TITLE OF INVENTION: CONTAINING THEM
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Kohn & Associates
; STREET: 30500 No. 6110742thwestern Hwy.
; CITY: Farmington Hills
; STATE: Michigan
; COUNTRY: US
; ZIP: 48334
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/850,347
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Kohn, Kenneth I.
; REGISTRATION NUMBER: 30,955
; REFERENCE/DOCKET NUMBER: 2391.00057
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (248) 539-5050
; TELEFAX: (248) 539-5050
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: YES
; ORIGINAL SOURCE:
; ORGANISM: mouse
US-08-850-347-10

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2892 AGGAGTGAAGATGC 2906
DB      17 AGGAGTGAAGATGC 3

RESULT 3077
US-08-903-139B-1
```


Sequence 1, Application US/089031398
Patent No. 614118
GENERAL INFORMATION:
APPLICANT: Joe W. Templeton, Jianwei Feng, L. Garry Adams,
APPLICANT: Erwin Schurr, Philippe Gros, Donald S. Davis and Roger Smith
TITLE OF INVENTION: METHOD OF IDENTIFICATION OF ANIMALS
TITLE OF INVENTION: RESISTANT OR SUSCEPTIBLE TO DISEASES SUCH AS RUMINANT
TITLE OF INVENTION: BRUCELLOSIS, TUBERCULOSIS, PARATUBERCULOSIS AND SALMONELLOSIS
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pravel, Hewitt, Kimball & Krieger
STREET: 1177 West Loop South, 10th floor
CITY: Houston
STATE: TX
COUNTRY: USA
ZIP: 77027-9095
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/903.1398
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/031.443
FILING DATE: September 20, 1996
ATTORNEY/AGENT INFORMATION:
NAME: Krieger, Paul E.
REGISTRATION NUMBER: 25,886
REFERENCE/DOCKET NUMBER: 00162-3/V96171US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 713-850-0165
TELEFAX: 713-850-0909
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-903-1398-1
Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 2949 GCCAGCAAGACGAC 2963
DB 3 GCCAGCAAGACGAC 17
RESULT 3078
US-08-990-065-10/c
Sequence 10, Application US/08990065
Patent No. 6121046
GENERAL INFORMATION:
APPLICANT: Soreq, Hermona
APPLICANT: Seidman, Shlomo
APPLICANT: Eckstein, Fritz
APPLICANT: Friedmann, Alon
APPLICANT: Kafer, Daniela
TITLE OF INVENTION: SYNTHETIC ANTISENSE
TITLE OF INVENTION: OLIGODEOXYNUCLEOTIDES AND PHARMACEUTICAL COMPOSITIONS
TITLE OF INVENTION: CONTAINING THEM
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Kohn & Associates
STREET: 30500 No. 6121046thwestern Hwy. Suite 410
CITY: Farmington Hills
STATE: Michigan
COUNTRY: U.S.

ZIP: 48334
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/990.065
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/850,347
FILING DATE: 02-MAY-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/318,826
FILING DATE: 01-JAN-1994
ATTORNEY/AGENT INFORMATION:
NAME: Montgomery, Ilene N.
REGISTRATION NUMBER: 38,972
REFERENCE/DOCKET NUMBER: 2391.00086
TELECOMMUNICATION INFORMATION:
TELEPHONE: (248) 539-5050
TELEFAX: (248) 539-5055
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-990-065-10
Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 2892 AGGAGTGTAGATGC 2906
DB 17 AGGAGTGTAGATGC 3
RESULT 3079
US-08-765-340-44
Sequence 44, Application US/08765340
Patent No. 6150092
GENERAL INFORMATION:
APPLICANT: UCHIDA, K.
APPLICANT: UCHIDA, T.
APPLICANT: TANAKA, Y.
APPLICANT: MATSUDA, Y.
APPLICANT: KONDO, S.
TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID
TITLE OF INVENTION: COMPOUND
NUMBER OF SEQUENCES: 185
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
STREET: 345 PARK AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10154
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version
SOFTWARE: #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/765.340
FILING DATE: 23-DEC-1996
PRIOR APPLICATION DATA:

APPLICATION NUMBER: JP 145146/94
FILING DATE: 27-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 311130/94
FILING DATE: 21-NOV-1994
ATTORNEY/AGENT INFORMATION:
NAME: SERUNIAN, LESLIE
REGISTRATION NUMBER: 35,353
REFERENCE/DOCKET NUMBER: 1452-4005
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 758-4800
TELEFAX: (212) 751-6849
INFORMATION FOR SEQ ID NO: 44:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULAR TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic DNA"
US-08-765-340-44

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5926 AGATGTCCACCTGGG 5940
DB 5 AGATGTCCACCAACGG 19

RESULT 3080
US-09-444-053-25/c
Sequence 25, Application US/09444053A
Patent No. 6165728
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF NCK-2 EXPRESSION
FILE REFERENCE: RTS-0122
CURRENT APPLICATION NUMBER: US/09/444,053A
CURRENT FILING DATE: 1999-11-19
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 25
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-444-053-25

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2004 ACACCCCCCAGCAGG 2018
DB 19 ACACGCCCCAGCAGG 5

RESULT 3081
US-09-444-053-27
Sequence 27, Application US/09444053A
Patent No. 6165728
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF NCK-2 EXPRESSION
FILE REFERENCE: RTS-0122
CURRENT APPLICATION NUMBER: US/09/444,053A
CURRENT FILING DATE: 1999-11-19
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 27

LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-444-053-27

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 740 GCGGCTCCTCTTCT 754
DB 4 GCGGCTCCTCTTCT 18

RESULT 3082
US-08-928-941D-5/c
Sequence 5, Application US/08928941D
Patent No. 6180763
GENERAL INFORMATION:
APPLICANT: Hiral, Hiroshi
APPLICANT: Sherry, Charles
TITLE OF INVENTION: CYCLIN-D BINDING FACTOR, AND USES
TITLE OF INVENTION: THEREOF
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: David A. Jackson, Esq.
STREET: 411 Hackensack Ave, Continental Plaza, 4th
STREET: Floor
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/928,941D
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 1340-1-002 N CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-487-5800
TELEFAX: 201-343-1684
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULAR TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
HYPOTHETICAL: NO
US-08-928-941D-5

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 35 GGTGAGGCTCGCG 49
DB 15 GGTGAGGATCCGCG 1

RESULT 3083
US-09-280-805-114
Sequence 114, Application US/09280805

```

; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Mireglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 114:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-114

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3636 AGAGAGCTAGATGG 3650
Db      3 AGATGAGGTAGATGG 17

RESULT 3084
US-09-101-886B-85
; Sequence 85, Application US/09101886B
; GENERAL INFORMATION:
; APPLICANT: BERG, THOMAS
; APPLICANT: TOLLERSRUD, OLE K
; APPLICANT: NILSEN, OIVIND
; TITLE OF INVENTION: GENETIC TEST FOR ALPHA-MANNOSIDOSIS
; NUMBER OF SEQUENCES: 104
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BARBARA G. ERNST
; STREET: 555 13TH STREET, NW SUITE 701E
; CITY: WASHINGTON
; STATE: DC
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
```

```

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/101,886B
; FILING DATE: 29-JANUARY-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB97/00109
; FILING DATE: 12-JAN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: ERNST, BARBARA G
; REGISTRATION NUMBER: 30,377
; REFERENCE/DOCKET NUMBER: 1181-240
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-783-6040
; TELEFAX: 202-783-6031
; INFORMATION FOR SEQ ID NO: 85:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-09-101-886B-85

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6987 CAGATGAGGTGGGA 7001
Db      2 CAGATGAGGTGGGA 16

RESULT 3085
US-09-290-640-59/c
; Sequence 59, Application US/09290640
; Patent No. 6204055
; GENERAL INFORMATION:
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Marcuseon, Eric G.
; TITLE OF INVENTION: Antisense Compound Modulation of Fas Mediated Signaling
; FILE REFERENCE: ISPH-0351
; CURRENT APPLICATION NUMBER: US/09/290,640
; CURRENT FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 59
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
; US-09-290-640-59

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6923 AGAGCTCTGCTGC 6937
Db      15 AGAGCTCTGATGC 1

RESULT 3086
US-08-908-436-8
; Sequence 8, Application US/08908436
; Patent No. 6214572
; GENERAL INFORMATION:
; APPLICANT: YUAN, JUNYING
; APPLICANT: WANG, SUYUE
; APPLICANT: MIURA, MASAYUKI
; APPLICANT: FISHMAN, JAY A.
```

```
/ TITLE OF INVENTION: PROGRAMMED CELL DEATH AND ICH-3
/ NUMBER OF SEQUENCES: 27
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: STERNER, KESSLER, GOLDSTEIN & FOX, P.L.L.C.
/ STREET: 1100 NEW YORK AVENUE, NW, SUITE 600
/ CITY: WASHINGTON
/ STATE: DC
/ COUNTRY: USA
/ ZIP: 20005-3934
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/908,436
/ FILING DATE: Herewith
/ CLASSIFICATION: 800
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 60/023,937
/ FILING DATE: 09-AUG-1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: BUGAISKY, LAWRENCE B.
/ REGISTRATION NUMBER: 35,086
/ REFERENCE/DOCKET NUMBER: 0609.4220001
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (202) 371-2600
/ TELEFAX: (202) 371-2540
/ INFORMATION FOR SEQ ID NO: 8:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
/ US-08-908-436-8

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3098 TCACAGTGCAGAGA 3112
Db 3 TCACAGTGCAGAGA 17

RESULT 3087
US-08-836-261A-50/C
/ Sequence 50, Application US/08836261A
/ Patent No. 6221582
/ GENERAL INFORMATION:
/ APPLICANT: GISENDORF, BELINDA
/ APPLICANT: QUINT, WILHELMUS
/ APPLICANT: VAN DOORN, LEENDERT-JAN
/ TITLE OF INVENTION: NEW POLYNUCLEIC ACID SEQUENCES FOR USE IN THE
/ TITLE OF INVENTION: DETECTION AND DIFFERENTIATION OF PROKARYOTIC ORGANISMS
/ NUMBER OF SEQUENCES: 96
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: ARNOLD, WHITE & DURKEE
/ STREET: P.O. BOX 4433
/ CITY: HOUSTON
/ STATE: TEXAS
/ COUNTRY: USA
/ ZIP: 77210-4433
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Microsoft Word 6.0 / ASCII text output
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/836,261A
/ FILING DATE: 25 Apr 1997
/ PRIOR APPLICATION DATA:
```

```
/ APPLICATION NUMBER: PCT/EP95/04264
/ FILING DATE: 30 Oct 1995
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: EP 94870171.9
/ FILING DATE: 28 Oct 1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: KAMERER, PATRICIA A.
/ REGISTRATION NUMBER: 29,775
/ REFERENCE/DOCKET NUMBER: INNS:005
/ INFORMATION FOR SEQ ID NO: 50:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ US-08-836-261A-50

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4283 CCTTCTTGCAGT 4297
Db 16 CGCTTCTTGCAGT 2

RESULT 3088
US-08-836-261A-60
/ Sequence 60, Application US/08836261A
/ Patent No. 6221582
/ GENERAL INFORMATION:
/ APPLICANT: GISENDORF, BELINDA
/ APPLICANT: QUINT, WILHELMUS
/ APPLICANT: VAN DOORN, LEENDERT-JAN
/ TITLE OF INVENTION: NEW POLYNUCLEIC ACID SEQUENCES FOR USE IN THE
/ TITLE OF INVENTION: DETECTION AND DIFFERENTIATION OF PROKARYOTIC ORGANISMS
/ NUMBER OF SEQUENCES: 96
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: ARNOLD, WHITE & DURKEE
/ STREET: P.O. BOX 4433
/ CITY: HOUSTON
/ STATE: TEXAS
/ COUNTRY: USA
/ ZIP: 77210-4433
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Microsoft Word 6.0 / ASCII text output
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/836,261A
/ FILING DATE: 25 Apr 1997
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: PCT/EP95/04264
/ FILING DATE: 30 Oct 1995
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: EP 94870171.9
/ FILING DATE: 28 Oct 1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: KAMERER, PATRICIA A.
/ REGISTRATION NUMBER: 29,775
/ REFERENCE/DOCKET NUMBER: INNS:005
/ INFORMATION FOR SEQ ID NO: 60:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ US-08-836-261A-60

Query Match 0.2%; Score 13.4; DB 1; Length 20;
```

Best Local Similarity 93.3%; Pred. No. 2.4e+03; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1;

QY 2330 AGAAGCAGTCACCA 2344
|||||
DB 2 AGATGCCATCACA 16

RESULT 3089

US-09-193-377B-31/c
; Sequence 31, Application US/09193377B
; Patent No. 6221594
; GENERAL INFORMATION:
; APPLICANT: Burrell, Paul
; APPLICANT: Blackall, Linda
; APPLICANT: Keller, Jurg
; TITLE OF INVENTION: METHOD FOR THE DETECTION OF AQUATIC
; TITLE OF INVENTION: NITRITE OXIDISING MICROORGANISMS OF THE GENUS NITROSPIRA
; FILE REFERENCE: CULAN20.001AUS
; CURRENT APPLICATION NUMBER: US/09/193.377B
; CURRENT FILING DATE: 1998-11-17
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Nitrobacter hamburgensis
US-09-193-377B-31

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6650 AAAGCAGTTTGA 6664
|||||
DB 20 AAAGCAGTTTGA 6

RESULT 3090

US-09-193-377B-37/c
; Sequence 37, Application US/09193377B
; Patent No. 6221594
; GENERAL INFORMATION:
; APPLICANT: Burrell, Paul
; APPLICANT: Blackall, Linda
; APPLICANT: Keller, Jurg
; TITLE OF INVENTION: METHOD FOR THE DETECTION OF AQUATIC
; TITLE OF INVENTION: NITRITE OXIDISING MICROORGANISMS OF THE GENUS NITROSPIRA
; FILE REFERENCE: CULAN20.001AUS
; CURRENT APPLICATION NUMBER: US/09/193.377B
; CURRENT FILING DATE: 1998-11-17
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Nitrobacter
US-09-193-377B-37

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6650 AAAGCAGTTTGA 6664
|||||
DB 20 AAAGCAGTTTGA 6

RESULT 3091
US-09-313-932-69/c
; Sequence 69, Application US/09313932A
; Patent No. 6228642
; GENERAL INFORMATION:

; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William M.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: ISPH-0356
; CURRENT APPLICATION NUMBER: US/09/313.932A
; CURRENT FILING DATE: 1999-05-18
; NUMBER OF SEQ ID NOS: 501
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-313-932-69

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1502 AGGCTGCTGGACA 1516
|||||
DB 16 AGGCTGCTGGACA 2

RESULT 3092
US-09-313-932-150/c
; Sequence 150, Application US/09313932A
; Patent No. 6228642
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William M.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: ISPH-0356
; CURRENT APPLICATION NUMBER: US/09/313.932A
; CURRENT FILING DATE: 1999-05-18
; NUMBER OF SEQ ID NOS: 501
; SEQ ID NO 150
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-313-932-150

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1502 AGGCTGCTGGACA 1516
|||||
DB 20 AGGCTGCTGGACA 6

RESULT 3093
US-09-313-932-151/c
; Sequence 151, Application US/09313932A
; Patent No. 6228642
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William M.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: ISPH-0356
; CURRENT APPLICATION NUMBER: US/09/313.932A
; CURRENT FILING DATE: 1999-05-18

```
/ NUMBER OF SEQ ID NOS: 501
/ SEQ ID NO 151
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic
US-09-313-932-151
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```
Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1502 AGGGTGTCTGGGACA 1516
      |||||
Db       19 AGGGTGTCTGGGACA 5
```

```
RESULT 3094
US-09-313-932-152/c
/ Sequence 152, Application US/09313932A
/ Patent No. 6228642
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Brenda
/ APPLICANT: Bennett, C. Frank
/ APPLICANT: Butler, Madeline M.
/ APPLICANT: Shanahan, William R.
/ TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
/ FILE REFERENCE: ISPH-0356
/ CURRENT APPLICATION NUMBER: US/09/313,932A
/ CURRENT FILING DATE: 1999-05-18
/ NUMBER OF SEQ ID NOS: 501
/ SEQ ID NO 152
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic
US-09-313-932-152
```

```
Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1502 AGGGTGTCTGGGACA 1516
      |||||
Db       18 AGGGTGTCTGGGACA 4
```

```
RESULT 3095
US-09-313-932-153/c
/ Sequence 153, Application US/09313932A
/ Patent No. 6228642
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Brenda
/ APPLICANT: Bennett, C. Frank
/ APPLICANT: Butler, Madeline M.
/ APPLICANT: Shanahan, William R.
/ TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
/ FILE REFERENCE: ISPH-0356
/ CURRENT APPLICATION NUMBER: US/09/313,932A
/ CURRENT FILING DATE: 1999-05-18
/ NUMBER OF SEQ ID NOS: 501
/ SEQ ID NO 153
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic
US-09-313-932-153
```

```
Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1502 AGGGTGTCTGGGACA 1516
      |||||
Db       17 AGGGTGTCTGGGACA 3
```

```
RESULT 3096
US-09-313-932-154/c
/ Sequence 154, Application US/09313932A
/ Patent No. 6228642
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Brenda
/ APPLICANT: Bennett, C. Frank
/ APPLICANT: Butler, Madeline M.
/ APPLICANT: Shanahan, William R.
/ TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
/ FILE REFERENCE: ISPH-0356
/ CURRENT APPLICATION NUMBER: US/09/313,932A
/ CURRENT FILING DATE: 1999-05-18
/ NUMBER OF SEQ ID NOS: 501
/ SEQ ID NO 154
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic
US-09-313-932-154
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```
Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1502 AGGGTGTCTGGGACA 1516
      |||||
Db       15 AGGGTGTCTGGGACA 1
```

```
RESULT 3097
US-09-313-932-491
/ Sequence 491, Application US/09313932A
/ Patent No. 6228642
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Brenda
/ APPLICANT: Bennett, C. Frank
/ APPLICANT: Butler, Madeline M.
/ APPLICANT: Shanahan, William R.
/ TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
/ FILE REFERENCE: ISPH-0356
/ CURRENT APPLICATION NUMBER: US/09/313,932A
/ CURRENT FILING DATE: 1999-05-18
/ NUMBER OF SEQ ID NOS: 501
/ SEQ ID NO 491
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic
US-09-313-932-491
```

```
Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

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QY      3301 CAGATCAATATTTTA 3315
      |||||
Db       6 CAGATCAATATTTTA 20
```

```
RESULT 3098
US-08-338-352-15
; Sequence 15, Application US/08338352
; Patent No. 6235887
; GENERAL INFORMATION:
; APPLICANT: FROEHLER, BRIAN
; APPLICANT: JONES, ROBERT J.
; TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
; TITLE OF INVENTION: FORMATION DIRECTED BY OLIGONUCLEOTIDES CONTAINING MODIFIED
; TITLE OF INVENTION: PYRIMIDINES
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FORSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/338.352
; FILING DATE: 14-NOV-1994
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/935,444
; FILING DATE: 25-AUG-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: MURASHIGE, KATE H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20035.20
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 6
; OTHER INFORMATION: /note= "This position is C' = 5
; OTHER INFORMATION: methyl cytosine."
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 9
; OTHER INFORMATION: /note= "This position is C' = 5
; OTHER INFORMATION: methyl cytosine."
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 17
; OTHER INFORMATION: /note= "This position is C' = 5
; OTHER INFORMATION: methyl cytosine."
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 20
; OTHER INFORMATION: /note= "This position is C' = 5
; OTHER INFORMATION: methyl cytosine."
US-08-338-352-15

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 77.8%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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```
QY 4464 TTTTNTTNTTNTTNTT 4481
Db 2 TTTTNTTNTTNTTNTT 19
```

```
RESULT 3099
US-09-560-594-20/c
; Sequence 20, Application US/09560594
; Patent No. 6242590
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowbert
; TITLE OF INVENTION: ANTISENSE MODULATION OF ZINC FINGER PROTEIN-217 EXPRESSION
; FILE REFERENCE: RTS-0144
; CURRENT APPLICATION NUMBER: US/09/560,594
; CURRENT FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-560-594-20

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 2897 TGTAGATGCTTGT 2911
Db 15 TGGAGATGCTTGT 1
```

```
RESULT 3100
US-09-021-701-665/c
; Sequence 665, Application US/09021701
; Patent No. 6251588
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; APPLICANT: Wolber, Paul K.
; APPLICANT: Delenstarr, Glenda C.
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; NUMBER OF SEQUENCES: 1165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
; STREET: 3000 Hanover Street
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/021,701
; FILING DATE: 10-FEB-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Choi, Wendy A.
; REGISTRATION NUMBER: 36,697
; REFERENCE/DOCKET NUMBER: 10971464-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-236-2386
; TELEFAX: 650-852-8063
; INFORMATION FOR SEQ ID NO: 665:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
```

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; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-09-021-701-6665

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6170 CATTAAGGAAAAAGA 6184
DB 20 CATTAAGGAAAAAGA 6

RESULT 3101
US-09-021-701-666/C
; Sequence 666, Application US/09021701
; Patent No. 6251588
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; APPLICANT: Wolber, Paul K.
; APPLICANT: Delenstarr, Glenda C.
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; TITLE OF INVENTION: probe sequences
; NUMBER OF SEQUENCES: 1165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
; STREET: 3000 Hanover Street
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/021,701
; FILING DATE: 10-FEB-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Choi, Wendy A.
; REGISTRATION NUMBER: 36,697
; REFERENCE/DOCKET NUMBER: 10971464-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-852-8063
; TELEFAX: 650-852-8063
; INFORMATION FOR SEQ ID NO: 666:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-09-021-701-666

Query Match
Best Local Similarity 93.3%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6170 CATTAAGGAAAAAGA 6184
DB 19 CATTAAGGAAAAAGA 5

RESULT 3102
US-09-021-701-726
; Sequence 726, Application US/09021701
; Patent No. 6251588

; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; APPLICANT: Wolber, Paul K.
; APPLICANT: Delenstarr, Glenda C.
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; TITLE OF INVENTION: probe sequences
; NUMBER OF SEQUENCES: 1165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
; STREET: 3000 Hanover Street
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
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/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/021,701
/ FILING DATE: 10-FEB-1998
/ CLASSIFICATION:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Choi, Wendy A.
/ REGISTRATION NUMBER: 36,697
/ REFERENCE/DOCKET NUMBER: 10971464-1
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 650-852-8063
/ INFORMATION FOR SEQ ID NO: 1069:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
/ HYPOTHEICAL: NO
/ ANTI-SENSE: NO
/ US-09-021-701-1069

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1990 GGAGCAGATGTAC 2004
Db      20 GGAGCAGATGTAC 6

RESULT 3104
US-09-021-701-1070/c
/ Sequence 1070, Application US/09021701
/ Patent No. 6251588
/ GENERAL INFORMATION:
/ APPLICANT: Shannon, Karen W.
/ APPLICANT: Wolber, Paul K.
/ APPLICANT: Delenstarr, Glenda C.
/ APPLICANT: Webb, Peter G.
/ APPLICANT: Kincaid, Robert H.
/ TITLE OF INVENTION: Methods for evaluating oligonucleotide
/ NUMBER OF SEQUENCES: 1165
/ CLASSIFICATION:
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
/ STREET: 3000 Hanover Street
/ CITY: Palo Alto
/ STATE: CA
/ COUNTRY: USA
/ ZIP: 94304
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/021,701
/ FILING DATE: 10-FEB-1998
/ CLASSIFICATION:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Choi, Wendy A.
/ REGISTRATION NUMBER: 36,697
/ REFERENCE/DOCKET NUMBER: 10971464-1
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 650-852-8063
/ INFORMATION FOR SEQ ID NO: 1070:
/ SEQUENCE CHARACTERISTICS:
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```
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
/ HYPOTHEICAL: NO
/ ANTI-SENSE: NO
/ US-09-021-701-1070

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1990 GGAGCAGATGTAC 2004
Db      19 GGAGCAGATGTAC 5

RESULT 3105
US-09-021-701-1071/c
/ Sequence 1071, Application US/09021701
/ Patent No. 6251588
/ GENERAL INFORMATION:
/ APPLICANT: Shannon, Karen W.
/ APPLICANT: Wolber, Paul K.
/ APPLICANT: Delenstarr, Glenda C.
/ APPLICANT: Webb, Peter G.
/ APPLICANT: Kincaid, Robert H.
/ TITLE OF INVENTION: Methods for evaluating oligonucleotide
/ NUMBER OF SEQUENCES: 1165
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
/ STREET: 3000 Hanover Street
/ CITY: Palo Alto
/ STATE: CA
/ COUNTRY: USA
/ ZIP: 94304
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/021,701
/ CLASSIFICATION:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Choi, Wendy A.
/ REGISTRATION NUMBER: 36,697
/ REFERENCE/DOCKET NUMBER: 10971464-1
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 650-852-8063
/ INFORMATION FOR SEQ ID NO: 1071:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
/ HYPOTHEICAL: NO
/ ANTI-SENSE: NO
/ US-09-021-701-1071

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1990 GGAGCAGATGTAC 2004
Db      18 GGAGCAGATGTAC 4
```

```
RESULT 3106
US-09-021-701-1072/c
; Sequence 1072, Application US/09021701
; Patent No. 6251588
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; APPLICANT: Wolber, Paul K.
; APPLICANT: Delenstarr, Glenda C.
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; TITLE OF INVENTION: probe sequences
; NUMBER OF SEQUENCES: 1165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
; STREET: 3000 Hanover Street
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/021,701
; FILING DATE: 10-FEB-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Choi, Wendy A.
; REGISTRATION NUMBER: 36,697
; REFERENCE/DOCKET NUMBER: 10971464-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-236-2386
; TELEFAX: 650-852-8063
; INFORMATION FOR SEQ ID NO: 1072:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-09-021-701-1072

Query Match      0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1990 GGAGCAGATGTACA 2004
DB      17 GGAGCAGATGTACA 3

RESULT 3107
US-09-021-701-1073/c
; Sequence 1073, Application US/09021701
; Patent No. 6251588
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; APPLICANT: Wolber, Paul K.
; APPLICANT: Delenstarr, Glenda C.
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; TITLE OF INVENTION: probe sequences
; NUMBER OF SEQUENCES: 1165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
; STREET: 3000 Hanover Street
```

```
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/021,701
; FILING DATE: 10-FEB-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Choi, Wendy A.
; REGISTRATION NUMBER: 36,697
; REFERENCE/DOCKET NUMBER: 10971464-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-236-2386
; TELEFAX: 650-852-8063
; INFORMATION FOR SEQ ID NO: 1073:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-09-021-701-1073

Query Match      0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1990 GGAGCAGATGTACA 2004
DB      16 GGAGCAGATGTACA 2

RESULT 3108
US-09-021-701-1074/c
; Sequence 1074, Application US/09021701
; Patent No. 6251588
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; APPLICANT: Wolber, Paul K.
; APPLICANT: Delenstarr, Glenda C.
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; TITLE OF INVENTION: probe sequences
; NUMBER OF SEQUENCES: 1165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
; STREET: 3000 Hanover Street
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/021,701
; FILING DATE: 10-FEB-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Choi, Wendy A.
; REGISTRATION NUMBER: 36,697
; REFERENCE/DOCKET NUMBER: 10971464-1
```

TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 1074:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHEICAL: NO
ANTI-SENSE: NO
US-09-021-701-1074

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1990 GGAGCAGATGTTACA 2004
DB 15 GGAGCAGATGTTACA 1

RESULT 3109
US-09-191-240-3/c
Sequence 3, Application US/09191240
Patent No. 6251955
GENERAL INFORMATION:
APPLICANT: Bulawa, Christine
TITLE OF INVENTION: METHODS FOR IDENTIFYING INHIBITORS OF
TITLE OF INVENTION: FUNGAL PATHOGENICITY
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESSES:
ADDRESSER: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
STREET: TWO Miltia Drive
CITY: Lexington
STATE: MA
COUNTRY: USA
ZIP: 02173
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/191,240
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/202,990
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: MYC93-08
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 861-6240
TELEFAX: (617) 861-9540
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-191-240-3

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 6556 CTGCTGGACGACGTTT 6570
DB 20 CTGCTGGACGACGTTT 6

RESULT 3110
US-09-488-857B-46/c
Sequence 46, Application US/09488857B
Patent No. 6251110
GENERAL INFORMATION:
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF ARA10 EXPRESSION
FILE REFERENCE: RTS-0117
CURRENT APPLICATION NUMBER: US/09/488,857B
CURRENT FILING DATE: 2000-01-21
NUMBER OF SEQ ID NOS: 90
SEQ ID NO 46
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-488-857B-46

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5629 CAAGGAAGTCTTGG 5643
DB 20 CAAGGAAGTCTTGG 6

RESULT 3111
US-09-487-368A-81
Sequence 81, Application US/09487368A
Patent No. 6261840
GENERAL INFORMATION:
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
FILE REFERENCE: RTS-0093
CURRENT APPLICATION NUMBER: US/09/487,368A
CURRENT FILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 240
SEQ ID NO 81
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-487-368A-81

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4386 CTGCTCCCTATGCT 4400
DB 3 CTGCTCCCTATGCT 17

RESULT 3112
US-09-489-869-61
Sequence 61, Application US/09489869A
Patent No. 6268151
GENERAL INFORMATION:
APPLICANT: Susan Murray
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF MACROPHAGE MIGRATION INHIBITORY FACTOR
FILE REFERENCE: RTS-0110
CURRENT APPLICATION NUMBER: US/09/489,869A
CURRENT FILING DATE: 2000-01-20
NUMBER OF SEQ ID NOS: 88

SEQ ID NO 61
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-489-869-61

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1697 GGGCAGACGCGTGG 1711
Db 4 GCGCAGACGCGTGG 18

RESULT 3113
US-09-489-869-62
Sequence 62, Application US/09489869A
Patent No. 6268151
GENERAL INFORMATION:
APPLICANT: Susan Murray
APPLICANT: Lex M. Cowsett
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF MACROPHAGE MIGRATION INHIBITORY FACTOR
FILE REFERENCE: RTS-0110
CURRENT APPLICATION NUMBER: US/09/489,869A
CURRENT FILING DATE: 2000-01-20
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 62
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-489-869-62

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1697 GGGCAGACGCGTGG 1711
Db 6 GCGCAGACGCGTGG 20

RESULT 3114
US-09-240-473-7/c
Sequence 7, Application US/09240473
Patent No. 6297011
GENERAL INFORMATION:
APPLICANT: Greenspan, Daniel S
APPLICANT: Takahara, Kazuhiko
APPLICANT: Hoffman, Guy G
TITLE OF INVENTION: Mammalian Tolloid-Like Protein
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Charles & Brady
STREET: 1 South Pinckney Street
CITY: Madison
STATE: WI
COUNTRY: US
ZIP: 53703
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/240,473
FILING DATE:
CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:
NAME: Betson, Bennett J
REGISTRATION NUMBER: 37094
REFERENCE/DOCKET NUMBER: 960296.93839
TELECOMMUNICATION INFORMATION:
TELEPHONE: 608-251-5000
TELEFAX: 608-251-9166
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "Oligonucleotide primer"
US-09-240-473-7

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1029 GATGAAGAGGAAGTA 1043
Db 20 GATGAAGTGAAGTA 6

RESULT 3115
US-09-280-590A-5/c
Sequence 5, Application US/09280590A
Patent No. 6303772
GENERAL INFORMATION:
APPLICANT: Hirai, Hiroshi
APPLICANT: Sherr, Charles
APPLICANT: Inoue, Kazuaki
APPLICANT: Bodner, Sarah M.
TITLE OF INVENTION: CYCLIN-D BINDING FACTOR, AND USES THEREOF
NUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:
ADDRESSEE: David A. Jackson, Esq.
STREET: 411 Hackensack Ave, Continental Plaza, 4th Floor
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,590A
FILING DATE: 29-Mar-1999
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 1340-1-002 N CP2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-487-5800
TELEFAX: 201-343-1684
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
HYPOTHEICAL: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-280-590A-5

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 35 GCTGCAGGCTCCGG 49
DB 15 GCTGCAGGATCCGG 1

RESULT 3116
US-08-957-351-17/c
; Sequence 17, Application US/08957351
; Patent No. 6306586
; GENERAL INFORMATION:
; APPLICANT: Semina, Elena
; APPLICANT: Murray, Jeffrey C.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE
; TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF CATARACTS
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FOLEY, HOAG & ELIOT LLP
; STREET: One Post Office Square
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2170
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/957,351
; FILING DATE: 24-OCT-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Arnold, Beth E.
; REGISTRATION NUMBER: 35,430
; REFERENCE/DOCKET NUMBER: UIA-024.01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-832-1000
; TELEFAX: 617-832-7000
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "oligonucleotide"
; US-08-957-351-17

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 5075 GAGAGTGTCTTAC 5089
DB 16 GAGAGTGTATGATMAC 2

RESULT 3117
US-09-019-160-50
; Sequence 50, Application US/09019160
; Patent No. 6306588
; GENERAL INFORMATION:
; APPLICANT: Chatterjee, Deb K.
; APPLICANT: Solus, Joseph
; APPLICANT: Yang, Shuwei
; TITLE OF INVENTION: Polymetases for Analyzing or Typing Polymorphic
; TITLE OF INVENTION: Nucleic Acid Fragments and Uses Thereof
; NUMBER OF SEQUENCES: 93

CORRESPONDENCE ADDRESS:
; ADDRESSEE: STERN, KESSLER, GOLDSTEIN & FOX, P.L.L.C.
; STREET: 1100 New York Ave., N.W., Suite 600
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-3934
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/019,160
; FILING DATE: 06-FEB-1998
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: (To be assigned)
; FILING DATE: 06-JAN-1998
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/037,393
; FILING DATE: 07-FEB-1997
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Esmond, Robert W.
; REGISTRATION NUMBER: 32,893
; REFERENCE/DOCKET NUMBER: 0942.4250002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-371-2600
; TELEFAX: 202-371-2540
; INFORMATION FOR SEQ ID NO: 50:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: both
; MOLECULE TYPE: cDNA
; US-09-019-160-50

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 5970 AGAGCACTGACCTG 5984
DB 5 AGAGAACTGACCTG 19

RESULT 3118
US-08-984-709A-41
; Sequence 41, Application US/08984709A
; Patent No. 6320032
; GENERAL INFORMATION:
; APPLICANT: Williams, Mark E.
; APPLICANT: Stauderman, Kenneth A.
; APPLICANT: Harpold, Michael W.
; TITLE OF INVENTION: HUMAN CALCIUM CHANNEL COMPOSITIONS AND
; TITLE OF INVENTION: METHODS
; NUMBER OF SEQUENCES: 52
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Heller Ertman White & McAlliff
; STREET: 4250 Executive Square, Suite 700
; CITY: La Jolla
; STATE: California
; COUNTRY: US
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:

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; APPLICATION NUMBER: US/08/984,709A
; FILING DATE: 02-DEC-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
;   NAME: Seidman, Stephanie L.
;   REGISTRATION NUMBER: 33,779
;   REFERENCE/DOCKET NUMBER: 24735-9815 (formerly 6362-9815)
; TELECOMMUNICATION INFORMATION:
;   TELEPHONE: (619) 450-8400
;   TELEFAX: (619) 587-5360
; INFORMATION FOR SEQ ID NO: 41:
;   SEQUENCE CHARACTERISTICS:
;     LENGTH: 20 base pairs
;     TYPE: nucleic acid
;     STRANDEDNESS: single
;     TOPOLOGY: unknown
;     MOLECULE TYPE: cDNA
;     HYPOTHETICAL: NO
;     ANTI-SENSE: NO
;     FRAGMENT TYPE:
;     ORIGINAL SOURCE:
; US-08-984-709A-41

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 82.4%; Pred. No. 2.4e+03;
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY      2539 GAGCTCCAGATCCTGAC 2555
Db      4 GTGTTTCAGATCTCTGAC 20

RESULT 3119
; US-09-657-042A-73/c
; Sequence 73; Application US/09657042A
; Patent No. 6329203
; GENERAL INFORMATION:
;   APPLICANT: C. Frank Bennett
;   APPLICANT: Jacqueline Wyatt
;   TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-1 EXPRESSION
;   FILE REFERENCE: RTS-0148
;   CURRENT APPLICATION NUMBER: US/09/657,042A
;   CURRENT FILING DATE: 2000-09-08
;   NUMBER OF SEQ ID NOS: 88
;   SEQ ID NO 73
;   LENGTH: 20
;   TYPE: DNA
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Antisense Oligonucleotide
; US-09-657-042A-73

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5063 CAAGTGCCTAAAGAG 5077
Db      19 CTAGTGCCTAAAGAG 5

RESULT 3120
; US-08-829-637A-115/c
; Sequence 115; Application US/08829637A
; Patent No. 6339066
; GENERAL INFORMATION:
;   APPLICANT: C. Frank Bennett
;   APPLICANT: Phillip Dan Cook
;   APPLICANT: Nicholas Dean
;   APPLICANT: Glenn Hoke
;   TITLE OF INVENTION: OLIGONUCLEOTIDES WHICH HAVE
;   TITLE OF INVENTION: PHOSPHOROTHIATE LINKAGES OF HIGH CHIRAL PURITY AND
;   TITLE OF INVENTION: WHICH MODULATE at, all, , k, n, AND ISOFORMS OF
```

```

; TITLE OF INVENTION: PROTEIN KINASE C
; NUMBER OF SEQUENCES: 136
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: John W. Caldwell (28,937) Woodcock
; ADDRESSEE: Washburn Kurtz Mackiewicz & No. 6339066-ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/829,637A
; FILING DATE: herewith
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/481,066
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/470,129
; FILING DATE: 06-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/469,851
; FILING DATE: 06-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/468,569
; FILING DATE: 06-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/089,996
; FILING DATE: 09-JUL-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/058,023
; FILING DATE: 05-MAY-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/777,007
; FILING DATE: 16-OCT-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/777,760
; FILING DATE: 15-OCT-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/852,852
; FILING DATE: 16-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/00243
; FILING DATE: 11-JAN-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/566,977
; FILING DATE: 13-AUG-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/436,358
; FILING DATE: 11-JAN-1990
; ATTORNEY/AGENT INFORMATION:
; NAME:
; REGISTRATION NUMBER:
; REFERENCE/DOCKET NUMBER: ISIS-
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 115:
;   SEQUENCE CHARACTERISTICS:
;     LENGTH: 20
;     TYPE: nucleic acid
;     STRANDEDNESS: single
;     TOPOLOGY: linear
;     ANTI-SENSE: yes
; US-08-829-637A-115

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
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Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 8 GCTGGCCGGGGCTC 22
Db 16 GATGGCCGGGGCTC 2

RESULT 3121
US-09-232-346-56
Sequence 56, Application US/09232346
Patent No. 6352830
GENERAL INFORMATION:
APPLICANT: Crabtree, Gerald R.
APPLICANT: No. 6352830throp, Jeffrey P.
APPLICANT: Ho, Steffen M.
APPLICANT: Flanagan, William M.
TITLE OF INVENTION: NF-AT POLYPEPTIDES AND POLYNUCLEOTIDES AND SCREENING
TITLE OF INVENTION: METHODS FOR IMMUNOSUPPRESSIVE AGENTS
FILE REFERENCE: APV-008.04
CURRENT APPLICATION NUMBER: US/09/232,346
PRIOR FILING DATE: 1999-01-15
PRIOR APPLICATION NUMBER: 08/507,032
PRIOR FILING DATE: 1995-07-31
PRIOR APPLICATION NUMBER: 08/228,944
PRIOR FILING DATE: 1994-04-18
PRIOR APPLICATION NUMBER: 07/749,385
PRIOR FILING DATE: 1991-08-22
PRIOR APPLICATION NUMBER: 08/260,174
PRIOR FILING DATE: 1994-06-13
PRIOR APPLICATION NUMBER: 08/124,981
PRIOR FILING DATE: 1993-09-20
NUMBER OF SEQ ID NOS: 62
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 56
LENGTH: 20
TYPE: DNA
ORGANISM: Unknown
FEATURE:
OTHER INFORMATION: Description of Unknown Organism: putative NF-AT
US-09-232-346-56

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 3278 AAGAAGAAATGAA 3292
Db 4 AAGAAGAAATGAA 18

RESULT 3122
US-09-629-645A-24
Sequence 24, Application US/09629645A
Patent No. 6365354
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF LYSOPHOSPHOLIPASE I EXPRESSION
FILE REFERENCE: RTS-0137
CURRENT APPLICATION NUMBER: US/09/629,645A
CURRENT FILING DATE: 2000-07-31
NUMBER OF SEQ ID NOS: 164
SEQ ID NO 24
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-629-645A-24

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY : 2631 GTGGCTTCCGGC 2645
Db 3 GTGGCTTCCGGC 17

RESULT 3123
US-09-629-645A-31/c
Sequence 31, Application US/09629645A
Patent No. 6365354
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF LYSOPHOSPHOLIPASE I EXPRESSION
FILE REFERENCE: RTS-0137
CURRENT APPLICATION NUMBER: US/09/629,645A
CURRENT FILING DATE: 2000-07-31
NUMBER OF SEQ ID NOS: 164
SEQ ID NO 31
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-629-645A-31

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 805 TTGGCTTCCACCAG 819
Db 20 TTGGCTTCCACCAG 6

RESULT 3124
US-09-561-497-74/c
Sequence 74, Application US/09561497
Patent No. 6372433
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: C. Frank Bennett
TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR OF DNA BINDING-1 EXPRESSION
FILE REFERENCE: RTS-0149
CURRENT APPLICATION NUMBER: US/09/561,497
CURRENT FILING DATE: 2000-04-28
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 74
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-561-497-74

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1646 ATGGGGGATGCCCTA 1660
Db 16 ATGGGGGATGCCCTA 2

RESULT 3125
US-09-561-497-75/c
Sequence 75, Application US/09561497
Patent No. 6372433
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: C. Frank Bennett

```

; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR OF DNA BINDING-1 EXPRESSION
; FILE REFERENCE: RTS-0149
; CURRENT APPLICATION NUMBER: US/09/561,497
; CURRENT FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-561,497-75

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1646 ATGCGGGGATGCTTA 1660
      |||||
      18 ATGCGGGGGTGCTTA 4

Db

RESULT 3126
US-09-702-251-67/c
; Sequence 67, Application US/09702251
; Patent No. 6372492
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowest
; TITLE OF INVENTION: ANTISENSE MODULATION OF TALIN EXPRESSION
; FILE REFERENCE: RTS-0199
; CURRENT APPLICATION NUMBER: US/09/702,251
; CURRENT FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 67
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-702-251-67

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      911 GTGAGGTGCTGACA 925
      |||||
      20 GTGATGTGCTGACA 6

Db

RESULT 3127
US-09-175-658B-5
; Sequence 5, Application US/09175658B
; Patent No. 6372900
; GENERAL INFORMATION:
; APPLICANT: METALLINOS, DANIKA
; APPLICANT: RINE, JASPER
; APPLICANT: BOWLING, ANN
; TITLE OF INVENTION: HORSE ENDOTHELIN-B RECEPTOR GENE AND GENE PRODUCTS
; FILE REFERENCE: GORR-110
; CURRENT APPLICATION NUMBER: US/09/175,658B
; CURRENT FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/062,562
; PRIOR FILING DATE: 1997-10-21
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
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; OTHER INFORMATION: Description of Artificial Sequence:Primer for DNA
; OTHER INFORMATION: sequencing horse EDNRB EXON 1 and PCR analysis of
; OTHER INFORMATION: Lethal White Foal Allele.
US-09-175-658B-5

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 82.4%; Pred. No. 2.4e+03;
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY      263 TGCACGAGTGTCGAG 279
      |||||
      1 TGCACGAGTCTCCAG 17

Db

RESULT 3128
US-08-599-738A-14
; Sequence 14, Application US/08599738A
; Patent No. 6380368
; GENERAL INFORMATION:
; APPLICANT: FROEHLER, BRIAN
; APPLICANT: WAGNER, RICK
; APPLICANT: MATTEUCCI, MARK
; APPLICANT: JONES, ROBERT J.
; APPLICANT: GUTIERREZ, ARNOLD J.
; APPLICANT: PUDDLO, JEFF
; TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
; TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSER: GILEAD SCIENCES, INC.
; STREET: 353 Lakeside Drive
; CITY: Foster City
; STATE: California
; COUNTRY: USA
; ZIP: 94404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/599,738A
; FILING DATE: 12-FEB-1996
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 536
; FILING DATE: 25-NOV-1992
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/965,941
; FILING DATE: 23-OCT-1992
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/338,352
; FILING DATE: 14-NOV-1994
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/935,444
; FILING DATE: 25-AUG-1992
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/799,824
; FILING DATE: 26-NOV-1991
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: MUECHAU, DARYL D.
; REGISTRATION NUMBER: 36,616
; REFERENCE/DOCKET NUMBER: 162.3D2
; TELECOMMUNICATION INFORMATION:
```



```

; TELEPHONE: (415) 573-4712
; TELEFAX: (415) 573-4899
; TELEX:
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 6
; OTHER INFORMATION: /note= "This position is C' =
; OTHER INFORMATION: 5-methyl-2'-deoxycytidine."
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 9
; OTHER INFORMATION: /note= "This position is C' =
; OTHER INFORMATION: 5-methyl-2'-deoxycytidine."
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 17
; OTHER INFORMATION: /note= "This position is C' =
; OTHER INFORMATION: 5-methyl-2'-deoxycytidine."
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 20
; OTHER INFORMATION: /note= "This position is C' =
; OTHER INFORMATION: 5-methyl-2'-deoxycytidine."
; OTHER INFORMATION: 5-methyl-2'-deoxycytidine."
US-08-539-738A-14

Query Match
Best Local Similarity 0.2%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4464 TTTTCTTTTCTTTTCTTTT 4481
Db 2 TTTTCTTTTCTTTTCTTTT 19

RESULT 3129
US-09-689-255C-22
; Sequence 22, Application US/09689255C
; Patent No. 6395544
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowart
; APPLICANT: Susan M. Preler
; TITLE OF INVENTION: ANTISENSE MODULATION OF BCAS1 EXPRESSION
; FILE REFERENCE: RTS-0171
; CURRENT APPLICATION NUMBER: US/09/689,255C
; CURRENT FILING DATE: 2000-10-11
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-689-255C-22

Query Match
Best Local Similarity 0.2%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 7339 CTGTACCTTGTCTCAG 7353
Db 1 CTGTCTCTTGTCTCAG 15

RESULT 3130
US-09-167-109-50/C
; Sequence 50, Application US/09167109
; Patent No. 6399297

; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda F.
; APPLICANT: Cowsett, Lex M.
; APPLICANT: Monia, Brett P.
; APPLICANT: Xu, Xiaoxing S.
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION
; FILE REFERENCE: ISPH-0321
; CURRENT APPLICATION NUMBER: US/09/167,109
; CURRENT FILING DATE: 1998-10-06
; NUMBER OF SEQ ID NOS: 228
; SEQ ID NO 50
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-167-109-50

Query Match
Best Local Similarity 0.2%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1743 CTCAGGCTGCTGAGCT 1757
Db 20 CTCATGCTGCTGAGCT 6

RESULT 3131
US-09-798-096-49/C
; Sequence 49, Application US/09798096
; Patent No. 6399378
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF RECQ2 EXPRESSION
; FILE REFERENCE: RTS-0207
; CURRENT APPLICATION NUMBER: US/09/798,096
; CURRENT FILING DATE: 2001-03-01
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-798-096-49

Query Match
Best Local Similarity 0.2%; Score 13.4; DB 1; Length 20;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3930 TCTTTCTCCCTTGA 3944
Db 17 TCATTCTCCCTTGA 3

RESULT 3132
US-09-844-634-45
; Sequence 45, Application US/09844634
; Patent No. 6410324
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESSION
; FILE REFERENCE: RTS-0216
; CURRENT APPLICATION NUMBER: US/09/844,634
; CURRENT FILING DATE: 2001-04-27
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 45
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-844-634-45

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      28 GGGAGCTGCTGCAGC 42
      |||||
Db      6 GGGAGCTGCTGCTGG 20

RESULT 3133
US-09-506-073-15
; Sequence 15, Application US/09506073
; Patent No. 6410518
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene Expression
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/09/506,073
; CURRENT FILING DATE: 2000-02-18
; EARLIER APPLICATION NUMBER: US 09/143,214
; EARLIER FILING DATE: 1998-08-28
; EARLIER APPLICATION NUMBER: PCT/US98/13961
; EARLIER FILING DATE: 1998-07-06
; EARLIER APPLICATION NUMBER: US 08/888,982
; EARLIER FILING DATE: 1997-07-07
; EARLIER APPLICATION NUMBER: US 08/756,806
; EARLIER FILING DATE: 1996-11-26
; EARLIER APPLICATION NUMBER: PCT/US95/07111
; EARLIER FILING DATE: 1995-05-31
; EARLIER APPLICATION NUMBER: US 08/250,856
; EARLIER FILING DATE: 1994-05-31
; NUMBER OF SEQ ID NOS: 130
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-506-073-15

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5936 CTGGGCTGAGCTGCC 5950
      |||||
Db      2 CAGGGCTGAGCTGCC 16

RESULT 3134
US-08-744-481A-52/c
; Sequence 52, Application US/08744481A
; Patent No. 6428955
; GENERAL INFORMATION:
; APPLICANT: K ster, Hubert
; TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
; NUMBER OF SEQUENCES: 55
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HELDER BHRMAN WHITE & MCAULIFFE
; STREET: 4250 Executive Square, Suite 700
; CITY: La Jolla
; STATE: California
; COUNTRY: USA
; ZIP: 92037-9103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
```

```
; APPLICATION NUMBER: US/08/744,481A
; FILING DATE: No. 6428955ember 6, 1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/517,256
; FILING DATE: March 18, 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Seidman, Stephanie L.
; REGISTRATION NUMBER: 33,779
; REFERENCE/DOCKET NUMBER: 24736-2004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)450-8400
; TELEFAX: (617)587-5350
; INFORMATION FOR SEQ ID NO: 52:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-744-481A-52

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3804 GTCTCGAGCTGCTG 3818
      |||||
Db      17 GTCTCGGTGCTGCTG 3

RESULT 3135
US-09-341-444A-12/c
; Sequence 12, Application US/09341444A
; Patent No. 6440666
; GENERAL INFORMATION:
; APPLICANT: Groenen, Martinus Antonius Machilda
; APPLICANT: Albers, Gerardus Antonius Arnoldus
; TITLE OF INVENTION: Selection For Dwarfism in Poultry
; FILE REFERENCE: 310-1009
; CURRENT APPLICATION NUMBER: US/09/341,444A
; CURRENT FILING DATE: 1999-08-25
; PRIOR APPLICATION NUMBER: PCT/NL98/00021
; PRIOR FILING DATE: 1998-01-12
; PRIOR APPLICATION NUMBER: EP 97200070.7
; PRIOR FILING DATE: 1997-01-10
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: OTHER INFORMATION:Oligonucleotide primer
US-09-341-444A-12

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6435 ATTAGCTTAAGCAGC 6449
      |||||
Db      15 ATTAGTTAAGCAGC 1

RESULT 3136
US-09-907-843-18
; Sequence 18, Application US/09907843
; Patent No. 6440739
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Preier
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-2 EXPRESSION
```

```
FILE REFERENCE: RTS-0279
CURRENT APPLICATION NUMBER: US/09/907,843
CURRENT FILING DATE: 2001-07-17
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 18
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-907-843-18

Query Match      0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3919 CACTTGGCTCTT 3933
DB      3 CACTTGGCTCTT 17

RESULT 3137
US-09-658-679A-31
Sequence 31, Application US/09658679A
Patent No. 6444464
GENERAL INFORMATION:
APPLICANT: Ian Popoff
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 2 EXPRESSION
FILE REFERENCE: RTS-0186
CURRENT APPLICATION NUMBER: US/09/658,679A
CURRENT FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 31
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-658-679A-31

Query Match      0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2091 TGTGGGGTACGCG 2105
DB      1 TGTGGGGTACGCG 15

RESULT 3138
US-09-658-679A-32
Sequence 32, Application US/09658679A
Patent No. 6444464
GENERAL INFORMATION:
APPLICANT: Ian Popoff
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 2 EXPRESSION
FILE REFERENCE: RTS-0186
CURRENT APPLICATION NUMBER: US/09/658,679A
CURRENT FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 32
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-658-679A-32

Query Match      0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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```
QY      2091 TGTGGGGTACGCG 2105
DB      2 TGTGGGGTACGCG 16

RESULT 3139
US-09-676-610B-182/C
Sequence 182, Application US/09676610B
Patent No. 6444465
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
APPLICANT: Susan M. Freier
TITLE OF INVENTION: OLIGONUCLEOTIDE INHIBITION OF HER-1 EXPRESSION
FILE REFERENCE: RTS-0138
CURRENT APPLICATION NUMBER: US/09/676,610B
CURRENT FILING DATE: 2000-09-29
NUMBER OF SEQ ID NOS: 182
SEQ ID NO 182
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-676-610B-182

Query Match      0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      665 CTGTCCCTTGAGT 679
DB      20 CTGTCCCTTGAGT 6

RESULT 3140
US-09-851-062-79/C
Sequence 79, Application US/09851062
Patent No. 6448081
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN 12 P40 SUBUNIT EXPRESSION
FILE REFERENCE: RTS-0247
CURRENT APPLICATION NUMBER: US/09/851,062
CURRENT FILING DATE: 2001-05-07
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 79
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-851-062-79

Query Match      0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      7167 CTTAGCAGCATGTG 7181
DB      15 CTTAGCAGCATGTG 1

RESULT 3141
US-09-517-467B-229/C
Sequence 229, Application US/09517467B
Patent No. 6451602
GENERAL INFORMATION:
APPLICANT: Ian Popoff
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION
```

```
FILE REFERENCE: RTS-0150
CURRENT APPLICATION NUMBER: US/09/517,467B
CURRENT FILING DATE: 2001-03-02
PRIOR APPLICATION NUMBER: 09/517,467
PRIOR FILING DATE: 2000-03-02
NUMBER OF SEQ ID NOS: 345
SEQ ID NO 229
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-517-467B-229

Query Match
Best Local Similarity 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3038 CCCACTGACCAAAA 3052
DB 19 CCCACTGACCAACA 5

RESULT 3142
US-09-091-952A-171
Sequence 171, Application US/09091952A
Patent No. 6458532
GENERAL INFORMATION:
APPLICANT: Deterra-Madleigh, Sevilla D.
Gershon, Elliot S.
Badner, Judith A.
Goldin, Lynn R.
Berrettini, Wade H.
Yoshikawa, Takeo
Sanders, Alan R.
Besterling, Lisa B.
TITLE OF INVENTION: Chromosomal Markers and Diagnostic
Tests for Manic-Depressive Illness
NUMBER OF SEQUENCES: 197
CORRESPONDENCE ADDRESS:
ADDRESSER: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94111-3634
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/091,952A
FILING DATE: 19-Apr-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/029,278
FILING DATE: 28-OCT-1996
APPLICATION NUMBER: PCT/US97/19381
FILING DATE: 28-OCT-1997
ATTORNEY/AGENT INFORMATION:
NAME: Smith, Timothy L.
REGISTRATION NUMBER: 35,367
REFERENCE/DOCKET NUMBER: 015280-297100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 171:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
```

```
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: -
LOCATION: 1...20
OTHER INFORMATION: Clone 35 reverse primer
SEQUENCE DESCRIPTION: SEQ ID NO: 171:
US-09-091-952A-171

Query Match
Best Local Similarity 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3289 TGAACCGACCCAG 3303
DB 2 TGAACCGACCCCTG 16

RESULT 3143
US-09-690-364-97/C
Sequence 97, Application US/09690364
Patent No. 6468795
GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF APAF-1 EXPRESSION
FILE REFERENCE: RTS-0190
CURRENT APPLICATION NUMBER: US/09/690,364
CURRENT FILING DATE: 2000-10-17
NUMBER OF SEQ ID NOS: 100
SEQ ID NO 97
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-690-364-97

Query Match
Best Local Similarity 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2251 TATGACCTACGGCC 2265
DB 19 TATGACCTACGGCC 5

RESULT 3144
US-09-725-265-32/C
Sequence 32, Application US/09725265
Patent No. 6492121
GENERAL INFORMATION:
APPLICANT: KURANE, RYUICHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KAMAGATA, YOICHI
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: KOBAYASHI, KENYA
APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOL.
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
TITLE OF INVENTION: THE METHOD
FILE REFERENCE: 199953USOXDIV
CURRENT APPLICATION NUMBER: US/09/725,265
CURRENT FILING DATE: 2000-11-29
PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
SOFTWARE: PatentIn version 3.1
SEQ ID NO 32
LENGTH: 20
```

```
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-32
```

```
Query Match      0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      6685 TTTTATTATATAT 6699
DB      15 TTTTATATATATAT 1
```

```
RESULT 3145
US-09-725-265-33/C
Sequence 33, Application US/09725265
Patent No. 6492121
```

```
GENERAL INFORMATION:
APPLICANT: KURANE, RYUICHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KANAGATA, YOICHI
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: KOYAMA, OSAMU
APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
TITLE OF INVENTION: THE METHOD
FILE REFERENCE: 19953USOXDIY
CURRENT APPLICATION NUMBER: US/09/725,265
CURRENT FILING DATE: 2000-11-29
PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
SOFTWARE: PatentIn version 3.1
SEQ ID NO 33
LENGTH: 20
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-33
```

```
Query Match      0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      6685 TTTTATTATATAT 6699
DB      15 TTTTATATATATAT 1
```

```
RESULT 3146
US-09-725-265-37/C
Sequence 37, Application US/09725265
Patent No. 6492121
GENERAL INFORMATION:
APPLICANT: KURANE, RYUICHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KANAGATA, YOICHI
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: KOYAMA, OSAMU
APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
TITLE OF INVENTION: THE METHOD
FILE REFERENCE: 19953USOXDIY
CURRENT APPLICATION NUMBER: US/09/725,265
```

```
CURRENT FILING DATE: 2000-11-29
PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
SOFTWARE: PatentIn version 3.1
SEQ ID NO 37
LENGTH: 20
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-37
```

```
Query Match      0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      6685 TTTTATTATATAT 6699
DB      15 TTTTATATATATAT 1
```

```
RESULT 3147
US-09-725-265-38/C
Sequence 38, Application US/09725265
Patent No. 6492121
GENERAL INFORMATION:
APPLICANT: KURANE, RYUICHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KANAGATA, YOICHI
APPLICANT: YAMADA, KAZUTAKA
APPLICANT: YOKOMAKU, TOYOKAZU
APPLICANT: KOYAMA, OSAMU
APPLICANT: FURUSHO, KENTA
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
TITLE OF INVENTION: THE METHOD
FILE REFERENCE: 19953USOXDIY
CURRENT APPLICATION NUMBER: US/09/725,265
CURRENT FILING DATE: 2000-11-29
PRIOR APPLICATION NUMBER: US 09/556,127
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: JP 1999-111601
PRIOR FILING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
SOFTWARE: PatentIn version 3.1
SEQ ID NO 38
LENGTH: 20
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-38
```

```
Query Match      0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      6685 TTTTATTATATAT 6699
DB      15 TTTTATATATATAT 1
```

```
RESULT 3148
US-09-659-845A-148
Sequence 148, Application US/09659845A
Patent No. 6492170
GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: Andrew T. Malt
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 9 EXPRESSION
```

```

; FILE REFERENCE: RTS-0183
; CURRENT APPLICATION NUMBER: US/09/659,845A
; CURRENT FILING DATE: 2001-07-23
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 148
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-659-845A-148

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      711 CCTGCATCCATGAG 725
Db      2  CCTGCACCATGAG 16

RESULT 3149
US-09-629-644A-81
; Sequence 81, Application US/09629644A
; Patent No. 6492345
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Susan M. Freiler
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Robert McKay
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTPIB EXPRESSION
; FILE REFERENCE: ISPH-0478
; CURRENT APPLICATION NUMBER: US/09/629,644A
; CURRENT FILING DATE: 2000-07-31
; PRIOR FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 242
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-629-644A-81

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4386 CTGCTCCCTATTGCT 4400
Db      3  CTGCGACCTATTGCT 17

RESULT 3150
US-09-629-644A-81
; Sequence 81, Application US/09629644A
; Patent No. 6602857
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Susan M. Freiler
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Robert McKay
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTPIB EXPRESSION
; FILE REFERENCE: ISPH-0478
; CURRENT APPLICATION NUMBER: US/09/629,644A
; CURRENT FILING DATE: 2000-07-31
; PRIOR FILING DATE: 2000-01-18
; PRIOR FILING DATE: 2000-01-18

; NUMBER OF SEQ ID NOS: 242
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-346A-125/c

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      804 GTTCGGCTTTTCACCA 818
Db      15 GTTCGGCTTTTCACCA 1

RESULT 3152
US-09-657-346A-142/c
; Sequence 142, Application US/09657346A
; Patent No. 6503754
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST
; FILE REFERENCE: RTS-0135
; CURRENT APPLICATION NUMBER: US/09/657,346A
; CURRENT FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 142
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-346A-142

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4386 CTGCTCCCTATTGCT 4400
Db      3  CTGCGACCTATTGCT 17

RESULT 3151
US-09-657-346A-125/c
; Sequence 125, Application US/09657346A
; Patent No. 6503754
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST
; FILE REFERENCE: RTS-0135
; CURRENT APPLICATION NUMBER: US/09/657,346A
; CURRENT FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 125
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-346A-125

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      804 GTTCGGCTTTTCACCA 818
Db      15 GTTCGGCTTTTCACCA 1

RESULT 3152
US-09-657-346A-142/c
; Sequence 142, Application US/09657346A
; Patent No. 6503754
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST
; FILE REFERENCE: RTS-0135
; CURRENT APPLICATION NUMBER: US/09/657,346A
; CURRENT FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 142
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-346A-142

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      2730 CTTGGCCCAAGCCCT 2744
      |||||
      15 CTTGGCCCAAGCCCT 1

RESULT 3153
US-09-668-313A-143
; Sequence 143, Application US/09668313A
; Patent No. 6503756
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Preter
; APPLICANT: Jacqueline Wyatc
; TITLE OF INVENTION: ANTISENSE MODULATION OF SYNTAXIN 4 INTERACTING PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0127
; CURRENT APPLICATION NUMBER: US/09/668.313A
; CURRENT FILING DATE: 2000-09-22
; NUMBER OF SEQ ID NOS: 247
; SEQ ID NO 143
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-668-313A-143

Query Match      0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1115 CTGTGAGTGACAG 1129
      |||||
      5 CTGTGAGTGACAG 19

RESULT 3154
US-09-422-978-4350/C
; Sequence 4350, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020Cp1
; CURRENT APPLICATION NUMBER: US/09/422.978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298.850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109.732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082.614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4350
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-14704 for SEQ 416,
US-09-422-978-4350

Query Match      0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3276 TTAAGAGAAAATG 3290
      |||||
      16 TTAAGAGAAAATG 2
```

```
RESULT 3155
US-09-422-978-5598/C
; Sequence 5598, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020Cp1
; CURRENT APPLICATION NUMBER: US/09/422.978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298.850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109.732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082.614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5598
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-5468 for SEQ 1664,
US-09-422-978-5598

Query Match      0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4596 TCATTTTCTCTGC 4610
      |||||
      19 TCATTTCTCTGC 5

RESULT 3156
US-09-422-978-6679/C
; Sequence 6679, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020Cp1
; CURRENT APPLICATION NUMBER: US/09/422.978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298.850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109.732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082.614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6679
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-16754 for SEQ 2745,
US-09-422-978-6679

Query Match      0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4475 TTTTTCGCTCG 4489
      |||||
```

Db 15 TTTTTCCTGCG 1

```
RESULT 3157
US-09-422-978-10055
; Sequence 10055, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10055
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_blind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-913 for SEQ 2130, in compleme
US-09-422-978-10055
```

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1883 CTCTGTCACCTCT 1897
Db 2 CTCTGTCACCTCT 16

```
RESULT 3158
US-09-422-978-11370/C
; Sequence 11370, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11370
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_blind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-4692 for SEQ 3505, in compleme
US-09-422-978-11370
```

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5456 ATGAGTCTTACTCT 5470
Db 18 ATGCTCTTACTCT 4

```
RESULT 3159
US-10-025-139-115/C
; Sequence 115, Application US/10025139
; Patent No. 6537973
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Holmlund, Jon T.
; APPLICANT: Dorr, F. Andrew
; TITLE OF INVENTION: Oligonucleotide Modulation Of Protein Kinase C
; FILE REFERENCE: ISIS4954
; CURRENT APPLICATION NUMBER: US/10/025,139
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 08/829,637
; PRIOR FILING DATE: 1997-03-31
; PRIOR APPLICATION NUMBER: US 08/478,178
; PRIOR FILING DATE: 1995-06-07
; PRIOR APPLICATION NUMBER: US 08/089,996
; PRIOR FILING DATE: 1993-07-09
; PRIOR APPLICATION NUMBER: US 07/852,852
; PRIOR FILING DATE: 1992-03-16
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 115
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-025-139-115
```

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 8 GCTGCGGCGGCGCTC 22
Db 16 GATGCGGCGGCGCTC 2

```
RESULT 3160
US-09-549-949B-8
; Sequence 8, Application US/09549949B
; Patent No. 6541226
; GENERAL INFORMATION:
; APPLICANT: Shigemori, Yasushi
; APPLICANT: Oishi, Michio
; TITLE OF INVENTION: Method for specifically cleaving double-stranded DNA
; TITLE OF INVENTION: and kit for the method
; FILE REFERENCE: 032567-015
; CURRENT APPLICATION NUMBER: US/09/549,949B
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: JP 11/106710
; PRIOR FILING DATE: 1999-04-14
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 3.0
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(20)
; OTHER INFORMATION: Description of Artificial Sequence:primer
US-09-549-949B-8
```

Query Match 0.2%; Score 13.4; DB 1; Length 20;

Best Local Similarity 93.3%; Pred. No. 2.4e+03; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1;

Oy 3115 CATGCTTGACGCTT 3129
|||||

Db 1 CATGCTTGACGCTT 15
|||||

RESULT 3161
US-09-380-836-78
Sequence 78, Application US/09380836
Patent No. 6551775

GENERAL INFORMATION:
APPLICANT: Lifton, Richard P.
APPLICANT: Chang, Sue S.
APPLICANT: Rosseier, Bernard C.
TITLE OF INVENTION: Method to Diagnose and Treat Pathological Conditions
TITLE OF INVENTION: Resulting from Deficient Ion Transport such as
TITLE OF INVENTION: Pseudohypaldosteronism Type-1
FILE REFERENCE: 44574-5018-US
CURRENT APPLICATION NUMBER: US/09/380,836
CURRENT FILING DATE: 2000-04-27
PRIOR APPLICATION NUMBER: US 60/040,171
PRIOR FILING DATE: 1997-03-11
PRIOR APPLICATION NUMBER: PCT/US98/04681
PRIOR FILING DATE: 1998-03-11
NUMBER OF SEQ ID NOS: 106
SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 78
LENGTH: 20
TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: B-11 reverse
US-09-380-836-78

Query Match
Best Local Similarity 93.3%; Pred. No. 2.4e+03; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1;

Oy 3878 CCGGCCCCCGCCAGG 3892
|||||

Db 1 CCGGCCCCCGCCAGG 15
|||||

RESULT 3162
US-09-705-267A-61/c
Sequence 61, Application US/09705267A
Patent No. 6551826

GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: Susan M. Freier
APPLICANT: Andrew T. Walt
TITLE OF INVENTION: ANTISENSE MODULATION OF RAIDD EXPRESSION
FILE REFERENCE: RTS-0211
CURRENT APPLICATION NUMBER: US/09/705,267A
CURRENT FILING DATE: 2000-11-01
NUMBER OF SEQ ID NOS: 177
SEQ ID NO 61
LENGTH: 20
TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide
US-09-705-267A-61

Query Match
Best Local Similarity 93.3%; Pred. No. 2.4e+03; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1;

Oy 3081 CAGGTGTCTCATGTG 3095
|||||

Db 17 CAGGTGTCTCATGTG 3
|||||

RESULT 3163
US-09-705-267A-139/c
Sequence 139, Application US/09705267A
Patent No. 6551826

GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: Susan M. Freier
APPLICANT: Andrew T. Walt
TITLE OF INVENTION: ANTISENSE MODULATION OF RAIDD EXPRESSION
FILE REFERENCE: RTS-0211
CURRENT APPLICATION NUMBER: US/09/705,267A
CURRENT FILING DATE: 2000-11-01
NUMBER OF SEQ ID NOS: 177
SEQ ID NO 139
LENGTH: 20
TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide
US-09-705-267A-139

Query Match
Best Local Similarity 93.3%; Pred. No. 2.4e+03; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1;

Oy 5057 CTTACACAGTGCTT 5071
|||||

Db 18 CTTACACAGTGCTT 4
|||||

RESULT 3164
US-09-198-452A-2864/c
Sequence 2864, Application US/09198452A
Patent No. 6552924

GENERAL INFORMATION:
APPLICANT: Griffiths, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 2864
LENGTH: 20
TYPE: DNA

ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2864

Query Match
Best Local Similarity 93.3%; Pred. No. 2.4e+03; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 1;

Oy 5078 AGTGATGCTACT 5092
|||||

Db 18 AGTGATGCTACT 4
|||||

RESULT 3165
US-09-198-452A-3733/c
Sequence 3733, Application US/09198452A
Patent No. 6552924

GENERAL INFORMATION:
APPLICANT: Griffiths, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24

```
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3733
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-3733
```

```
Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1605 GCTCAGAACTTAC 1619
      ||||| ||||| |||||
Db      17  GCTCAGAACTTAC 3
```

```
RESULT 3166
US-09-198-452A-4959/C
; Sequence 4959, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
```

```
; APPLICANT: Griflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4959
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4959
```

```
Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      5629 CAAGAAGTCTTGG 5643
      ||||| ||||| |||||
Db      15  CAAGAAGTCTTGG 1
```

```
RESULT 3167
US-09-198-452A-5083
; Sequence 5083, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
```

```
; APPLICANT: Griflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5083
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5083
```

```
Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      6314 TGGGCGTACTGTTC 6328
      ||||| ||||| |||||
Db      6  TGGGCGTACTGTTC 20
```

RESULT 3168

```
US-09-198-452A-5676/C
; Sequence 5676, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
```

```
; APPLICANT: Griflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5676
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5676
```

```
Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      4302 CTTTTCCTCCCT 4316
      ||||| ||||| |||||
Db      15  CTTTTCCTCCCT 1
```

```
RESULT 3169
US-09-198-452A-5955/C
; Sequence 5955, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
```

```
; APPLICANT: Griflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5955
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5955
```

```
Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      3804 GTCGAGCTGCTG 3818
      ||||| ||||| |||||
Db      20  GTCGAGCTGCTG 6
```

```
RESULT 3170
US-09-198-452A-6598/C
; Sequence 6598, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
```

```
; APPLICANT: Griflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6598
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-6598
```

RESULT 3171

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4221 CTTCCTCTGTCGACA 4235
Db 19 CTTCCTCTCTGTCGACA 5

RESULT 3171
US-09-808-358-7/C
; Sequence 7, Application US/09808358
; Patent No. 6562955
; GENERAL INFORMATION:
; APPLICANT: TOSOH CORPORATION
; TITLE OF INVENTION: Oligonucleotides for Detection of Vibrio Parahaemolyticus
; TITLE OF INVENTION: and Detection Method for Vibrio Parahaemolyticus Using the Same
; FILE REFERENCE: 200-2496
; CURRENT APPLICATION NUMBER: US/09/808,358
; CURRENT FILING DATE: 2001-03-15
; NUMBER OF SEQ ID NOS: 48
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide capable of binding specifically to trh1 and
US-09-808-358-7

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4304 TTTTCCTTCCCTG 4318
Db 20 TTTTCCTTCCCTG 6

RESULT 3172
US-09-679-299A-84
; Sequence 84, Application US/09679299A
; Patent No. 6566135
; GENERAL INFORMATION:
; APPLICANT: Vickie L. Brown-Driver
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 6 EXPRESSION
; FILE REFERENCE: RTS-0187
; CURRENT APPLICATION NUMBER: US/09/679,299A
; CURRENT FILING DATE: 2000-10-04
; NUMBER OF SEQ ID NOS: 164
; SEQ ID NO 84
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-679-299A-84

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3434 TTTTCTGCCCCACCT 3448
Db 2 TTTTCTGCCCCACCT 16

RESULT 3173
US-09-679-299A-84/C

; Sequence 84, Application US/09679299A
; Patent No. 6566135
; GENERAL INFORMATION:
; APPLICANT: Vickie L. Brown-Driver
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 6 EXPRESSION
; FILE REFERENCE: RTS-0187
; CURRENT APPLICATION NUMBER: US/09/679,299A
; CURRENT FILING DATE: 2000-10-04
; NUMBER OF SEQ ID NOS: 164
; SEQ ID NO 84
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-679-299A-84

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3644 TAGATGGGGAAGAA 3658
Db 17 TAGATGGGGAAGAA 3

RESULT 3174
US-09-081-385-112/C
; Sequence 112, Application US/09081385
; Patent No. 6593456
; GENERAL INFORMATION:
; APPLICANT: Galanaga, T.
; APPLICANT: Granger, G.A.
; TITLE OF INVENTION: Factors Altering Tumor Necrosis
; TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods
; NUMBER OF SEQUENCES: 154
; CORRESPONDENCE ADDRESS:
; ADDRESS: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/081,385
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/964,747
; FILING DATE: 05-NOV-1997
; APPLICATION NUMBER: 60/030,761
; FILING DATE: 06-NOV-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Wu, Frank
; REGISTRATION NUMBER: 41,386
; REFERENCE/DOCKET NUMBER: 22000-20577.21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 112:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single

TOPOLOGY: linear
US-09-081-385-112
Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 7339 CTGTACTCTGTCCAG 7353
DB 18 CTGTACTCTGTCCAG 4
RESULT 3175
US-08-849-949-2
Sequence 2, Application US/08849949
Patent No. 6596537
GENERAL INFORMATION:
APPLICANT: KUROHARA, Kiyonori
TITLE OF INVENTION: HUMAN INTERLEUKIN-6 RECEPTOR EXPRESSION
TITLE OF INVENTION: INHIBITOR
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS, L.L.P.
STREET: P.O. Box 1404
CITY: Alexandria
STATE: Virginia
COUNTRY: United States
ZIP: 22313-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/849,949
FILING DATE: 16-JUN-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 6-313167
FILING DATE: 16-DEC-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 7-210739
FILING DATE: 18-AUG-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/JP95/02587
FILING DATE: 15-DEC-1995
ATTORNEY/AGENT INFORMATION:
NAME: Meuth, Donna M.
REGISTRATION NUMBER: 36,607
REFERENCE/DOCKET NUMBER: 001560-300
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
INFORMATION FOR SEQ. ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-849-949-2
Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 4086 TCCTTCCCATGCTG 4100
DB 5 TCCTTCCCATGCTG 19
RESULT 3176

US-08-849-949-10
Sequence 10, Application US/08849949
Patent No. 6596537
GENERAL INFORMATION:
APPLICANT: KUROHARA, Kiyonori
TITLE OF INVENTION: HUMAN INTERLEUKIN-6 RECEPTOR EXPRESSION
TITLE OF INVENTION: INHIBITOR
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS, L.L.P.
STREET: P.O. Box 1404
CITY: Alexandria
STATE: Virginia
COUNTRY: United States
ZIP: 22313-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/849,949
FILING DATE: 16-JUN-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 6-313167
FILING DATE: 16-DEC-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 7-210739
FILING DATE: 18-AUG-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/JP95/02587
FILING DATE: 15-DEC-1995
ATTORNEY/AGENT INFORMATION:
NAME: Meuth, Donna M.
REGISTRATION NUMBER: 36,607
REFERENCE/DOCKET NUMBER: 001560-300
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
INFORMATION FOR SEQ. ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-849-949-10
Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 4086 TCCTTCCCATGCTG 4100
DB 2 TCCTTCCCATGCTG 16
RESULT 3177
US-08-849-949-11/c
Sequence 11, Application US/08849949
Patent No. 6596537
GENERAL INFORMATION:
APPLICANT: KUROHARA, Kiyonori
TITLE OF INVENTION: HUMAN INTERLEUKIN-6 RECEPTOR EXPRESSION
TITLE OF INVENTION: INHIBITOR
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS, L.L.P.
STREET: P.O. Box 1404
CITY: Alexandria

STATE: Virginia
COUNTRY: United States
ZIP: 22313-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/849,949
FILING DATE: 16-JUN-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 6-313167
FILING DATE: 16-DEC-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 7-210739
FILING DATE: 18-AUG-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/JP95/02587
FILING DATE: 15-DEC-1995
ATTORNEY/AGENT INFORMATION:
NAME: Meuth, Donna M.
REGISTRATION NUMBER: 36,607
REFERENCE/DOCKET NUMBER: 001560-300
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-849-949-11

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4086 TCCTTCCCATGCGG 4100
Db 16 TCCTTCCCATGCGG 2

RESULT 3178
US-09-825-497A-27
Sequence 27, Application US/09825497A
Patent No. 6599742
GENERAL INFORMATION:
APPLICANT: Honkainen, Richard E.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF HUMAN SERINE/THREONINE PRO
FILE REFERENCE: ISPH-0572
CURRENT APPLICATION NUMBER: US/09/825,497A
CURRENT FILING DATE: 2001-04-06
NUMBER OF SEQ ID NOS: 42
SOFTWARE: Patentin version 3.1
SEQ ID NO 27
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-825-497A-27

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 5602 TTAAAGTGTGCTTC 5616

Db 6 TTTGAGTGTGCTTC 20

RESULT 3179
US-09-787-375-3/c
Sequence 3, Application US/09787375
Patent No. 6602663
GENERAL INFORMATION:
APPLICANT: KAWAI, SHIGETO
TITLE OF INVENTION: METHOD FOR DETECTION OR MEASUREMENT OF PLASMACYTOMA CELLS
FILE REFERENCE: 053466/0301
CURRENT APPLICATION NUMBER: US/09/787,375
CURRENT FILING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: PCT/JP99/04502
PRIOR FILING DATE: 1999-08-20
PRIOR APPLICATION NUMBER: JP 10-264593
PRIOR FILING DATE: 1998-02-18
NUMBER OF SEQ ID NOS: 5
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 3
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Forward primer for
US-09-787-375-3

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4548 CTGTTGGCTTGAG 4562
Db 19 CTGTTGGCTTGAG 5

RESULT 3180
US-09-689-065B-20
Sequence 20, Application US/09689065B
Patent No. 6605696
GENERAL INFORMATION:
APPLICANT: Pfizer Products, Inc.
TITLE OF INVENTION: LAMSONIA INTRACELLULARIS PROTEINS AND RELATED METHODS AND
FILE REFERENCE: 3153, 00187/PC10589A
CURRENT APPLICATION NUMBER: US/09/689,065B
CURRENT FILING DATE: 2000-10-12
PRIOR APPLICATION NUMBER: US Prov. 60/160,922
PRIOR FILING DATE: 1999-10-22
PRIOR APPLICATION NUMBER: US Prov. 60/163,858
PRIOR FILING DATE: 1999-11-05
NUMBER OF SEQ ID NOS: 112
SOFTWARE: Patentin version 3.2
SEQ ID NO 20
LENGTH: 20
TYPE: DNA
ORGANISM: Lawsonia intracellularis
US-09-689-065B-20

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4286 TTTCTTGCAAGTGA 4300
Db 2 TTTCTTGCAAGTGA 16

RESULT 3181
US-09-665-615B-59/c

```
; Sequence 59, Application US/09665615B
; Patent No. 665133
; GENERAL INFORMATION:
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Marcuseon, Eric G.
; APPLICANT: Wyatt, Jacqueline
; TITLE OF INVENTION: Antisense Modulation of Fas Mediated Signaling
; FILE REFERENCE: ISPH-0502
; CURRENT APPLICATION NUMBER: US/09/665,615B
; CURRENT FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US 09/290,640
; PRIOR FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 179
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 59
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-665-615B-59
```

```
Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No.2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      6923 AGAGCCTCTGGCTGC 6937
Db      15 AGAGCCTCTGGAGGC 1
```

```
RESULT 3182
US-09-688-188B-109/c
; Sequence 109, Application US/09688188B
; Patent No. 6656716
; GENERAL INFORMATION:
; APPLICANT: PLOWMAN, GREGORY
; APPLICANT: MARTINEZ, RICARDO
; APPLICANT: WHYTE, DAVID
; TITLE OF INVENTION: STE20-RELATED PROTEIN KINASES
; FILE REFERENCE: 038602/0328
; CURRENT APPLICATION NUMBER: US/09/688,188B
; CURRENT FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: 09/231,417
; PRIOR FILING DATE: 1999-04-14
; PRIOR APPLICATION NUMBER: 60/081,784
; PRIOR FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 155
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 109
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-688-188B-109
```

```
Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No.2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      5184 CATGTTCTCCACTTG 5198
Db      19 CATCTTCTCCACTTG 5
```

```
RESULT 3183
US-09-980-052-89
; Sequence 89, Application US/09980052
; Patent No. 6670130
; GENERAL INFORMATION:
; APPLICANT: KIM, Jeong Uoon; SJ HIGHTECH Co., Ltd.
; APPLICANT: KIM, Cheol Min
```

```
; APPLICANT: PARK, Hee Kyung
; TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteria
; FILE REFERENCE: PP05020/PCT
; CURRENT APPLICATION NUMBER: US/09/980,052
; CURRENT FILING DATE: 2001-11-28
; PRIOR APPLICATION NUMBER: KR 10-1999-0019631
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019632
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019633
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019634
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019635
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-2000-0018189
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 243
; SOFTWARE: KopatentIn 1.71
; SEQ ID NO 89
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: sequence of probe or primer for detecting Mycobacterium terrae
US-09-980-052-89
```

```
Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No.2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      3623 GGGTGGGGGTGGGAG 3637
Db      5 GGGTGGGGGTGGGAG 19
```

```
RESULT 3184
US-09-892-398-5/c
; Sequence 5, Application US/09892398
; Patent No. 6673902
; GENERAL INFORMATION:
; APPLICANT: Hirai, Hiroshi
; APPLICANT: Sherr, Charles
; APPLICANT: Inoue, Kazushi
; APPLICANT: Bodner, Sarah M.
; TITLE OF INVENTION: CYCLIN-D BINDING FACTOR, AND USES
; THEREOF
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSER: David A. Jackson, Esq.
; STREET: 411 Hackensack Ave, Continental Plaza, 4th
; FLOOR
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/892,398
; FILING DATE: 27-Jun-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,590
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 1340-1-002 N CP2
; TELECOMMUNICATION INFORMATION:
```

TELEPHONE: 201-487-5800
TELEFAX: 201-343-1684
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
HYPOTHEICAL: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-892-398-5

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 35 GCTGACGAGCTCCGCG 49
DB 15 GCTGACGAGCTCCGCG 1

RESULT 3185
US-09-730-212C-4
Sequence 4, Application US/09730212C
Patent No. 6677119
GENERAL INFORMATION:
APPLICANT: Florida Atlantic University
TITLE OF INVENTION: COLON CANCER RELATED POLYNUCLEOTIDES
FILE REFERENCE: 6818-14
CURRENT APPLICATION NUMBER: US/09/730.212C
CURRENT FILING DATE: 2000-12-05
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn version 3.1
SEQ ID NO 4
LENGTH: 20
TYPE: DNA
ORGANISM: homo sapiens
US-09-730-212C-4

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 884 AGGCACAGCCACTGA 898
DB 3 AAGCACAGCCACTGA 17

RESULT 3186
US-09-291-417D-109/C
Sequence 109, Application US/09291417D
Patent No. 6680170
GENERAL INFORMATION:
APPLICANT: PLOWMAN, GREGORY
APPLICANT: MARTINEZ, RICARDO
APPLICANT: WHITE, DAVID
TITLE OF INVENTION: STE20-RELATED PROTEIN KINASES
FILE REFERENCE: 038602/0329
CURRENT APPLICATION NUMBER: US/09/291.417D
CURRENT FILING DATE: 1999-04-13
PRIOR APPLICATION NUMBER: 60/081,784
PRIOR FILING DATE: 1998-04-14
NUMBER OF SEQ ID NOS: 155
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 109
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer

US-09-291-417D-109

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5184 CATGTTCTCCACTTG 5198
DB 19 CATGTTCTCCACTTG 5

RESULT 3187
PCT-US94-07770-77/C
Sequence 77, Application PC/TUS9407770
GENERAL INFORMATION:
APPLICANT: Nicholas Dean, C. Frank Bennett and
APPLICANT: Russell T. Boggs
TITLE OF INVENTION: Oligonucleotide Modulation of
NUMBER OF SEQUENCES: 119
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz
ADDRESSEE: Mackiewicz & Norris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB
MEDIUM TYPE: STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/07770
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: March 16, 1992
APPLICATION NUMBER: 08/089,996
FILING DATE: July 9, 1993
APPLICATION NUMBER: 08/199,779
FILING DATE: February 22, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Rebecca Ralph Gaumond
REGISTRATION NUMBER: 35,152
REFERENCE/DOCKET NUMBER: ISIS-1546
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 77:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: Yes
PCT-US94-07770-77

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 8 GCTGCGGCGGCGCTC 22
DB 16 GATGCGGCGGCGCTC 2

RESULT 3188
PCT-US94-09851-3/C
Sequence 3, Application PC/TUS9409851

```

; GENERAL INFORMATION:
; APPLICANT: Gilliam, T. Conrad
; APPLICANT: Tanzi, Rudolph E.
; TITLE OF INVENTION: ISOLATION AND USES OF A WILSON'S
; DISEASE GENE
; NUMBER OF SEQUENCES: 92
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Cooper & Dunham
; STREET: 30 Rockefeller Plaza
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10112
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/09851
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 0575/44011-PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 977-9550
; TELEFAX: (212) 664-0525
; TELEX: 422523 COOP UI
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; PCT-US94-09851-3

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5029 GAGGAGCTGCTACTGG 5043
Db      16 GAGGCTGCTCCTACTGG 2

RESULT 3189
PCT-US95-02311-3/c
; Sequence 3, Application PC/TUS9502311
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: METHODS FOR IDENTIFYING INHIBITORS OF
; FUNGAL PATHOGENICITY
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSER: HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: MA
; COUNTRY: USA
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/02311
; FILING DATE:
; CLASSIFICATION:

```

```

; ATTORNEY/AGENT INFORMATION:
; NAME: Granahan, Patricia
; REGISTRATION NUMBER: 32,227
; REFERENCE/DOCKET NUMBER: MYC93-08 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 861-6240
; TELEFAX: (617) 861-9540
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; PCT-US95-02311-3

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6556 CTGGTGAGCAGCTTT 6570
Db      20 CTGGTGAGCAGCTTT 6

RESULT 3190
PCT-US95-07111A-15
; Sequence 15, Application PC/TUS9507111A
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P. and Boggs, Russell T.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation
; OF raf Gene Expression
; NUMBER OF SEQUENCES: 54
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Law Offices of Jane Massey Licata
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/07111A
; FILING DATE: May 31, 1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/250,856
; FILING DATE: May 31, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; PCT-US95-07111A-15

Query Match          0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5936 CTGGGCTGGAGCTGCC 5950
Db      1 CTGGGCTGGAGCTGCC 1

```


Db 2 CAGCGCTGACTGCC 16

RESULT 3191
PCT-US95-08604-106/c
Sequence 106 Application PC/TUS9508604
GENERAL INFORMATION:
APPLICANT: Visible Genetics Inc.
APPLICANT: HSC Research and Development Limited Partnership
APPLICANT: Gallie, Brenda L.
APPLICANT: Dunn, James M.
APPLICANT: Stevens, John K.
TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
TITLE OF INVENTION: and Targeted Screening for Retinoblastoma
NUMBER OF SEQUENCES: 125
CORRESPONDENCE ADDRESS:
ADDRESSEE: Oppedahl & Larson
STREET: 1992 Commerce Street, Suite 309
CITY: Yorktown Heights
STATE: NY
COUNTRY: USA
ZIP: 10598-4412
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS 5.0
SOFTWARE: Word Perfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/08604
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/271,942
FILING DATE: 08-JUL-1994
ATTORNEY/AGENT INFORMATION:
NAME: Marina T. Larson
REGISTRATION NUMBER: 32,038
REFERENCE/DOCKET NUMBER: VGEN-P-003-WO
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 245-3252
TELEFAX: (914) 962-4330
TELEX:
INFORMATION FOR SEQ ID NO: 106:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
HYPOTHETICAL: no
ANTI-SENSE: no
FRAGMENT TYPE: Internal
ORIGINAL SOURCE: human
ORGANISM: human
FEATURE:
NAME/KEY: primer for exon 20 of human RB1 gene
PCT-US95-08604-106

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4588 TTGACTGTTCATTTT 4602
16 TTACTGTTCATTTT 2

Db

RESULT 3192
PCT-US96-09388-20/c
Sequence 20 Application PC/TUS9609388
GENERAL INFORMATION:
APPLICANT: Smith, Larry J.
TITLE OF INVENTION: Therapeutic Oligonucleotides

TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes
NUMBER OF SEQUENCES: 114
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dann, Dorfman, Herrell and Skillman
STREET: 1601 Market Street Suite 720
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103-2307
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/09388
FILING DATE: 07-JUN-1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/379,180
FILING DATE: 12-JUL-1994
ATTORNEY/AGENT INFORMATION:
NAME: Reed, Janet B.
REGISTRATION NUMBER: 36,252
REFERENCE/DOCKET NUMBER: 63082C
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 563-4100
TELEFAX: (215) 563-4044
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: not relevant
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
PCT-US96-09388-20

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3217 GTGGGTGGAGAGAG 3231
16 GTGGGTGGAGAGAG 2

Db

RESULT 3193
5194596-22/c
Patent No. 5194596
APPLICANT: TISCHER, EDMUND G.; ABRAHAM, JUDITH A.; FIDES, JOHN
C.; MITCHELL, RICHARD L.
TITLE OF INVENTION: PRODUCTION OF VASCULAR ENDOTHELIAL CELL
GROWTH FACTOR
NUMBER OF SEQUENCES: 32
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/450,883
FILING DATE: 14-DEC-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 387,545
FILING DATE: 27-JUL-1989
SEQ ID NO: 22:
LENGTH: 20
5194596-22

Query Match 0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2302 CAGCCTGGATCACT 2316
15 CAGCCTGGATCACT 1

Db

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RESULT 3194
5219739-27/c
; Patent No. 5219739
; APPLICANT: TISCHER, EDMUND G.; ABRAHAM, JUDITH A.; FIDDES,
; JOHN C.; MITCHELL, RICHARD L.
; TITLE OF INVENTION: DNA SEQUENCES ENCODING BVGEF120 AND
; BVGEF 121 AND METHODS FOR THE PRODUCTION OF BOVINE AND HUMAN
; VASCULAR ENDOTHELIAL CELL GROWTH FACTORS, BVGEF120 AND BVGEF121
; NUMBER OF SEQUENCES: 40
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/559,041
; FILING DATE: 27-JUL-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 450,883
; FILING DATE: 14-DEC-1989
; APPLICATION NUMBER: 387,545
; FILING DATE: 27-JUL-1989
; SEQ ID NO: 27:
; LENGTH: 20
5219739-27

Query Match      0.2%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 2.4e+03;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2302 CAGCCTGGGATCACT 2316
      |||||
Db      15 CAGCCTGGGATCACT 1
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Search completed: October 14, 2004, 11:40:07
Job time : 265 secs